Access DB# 53628

118

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: _DuNC OMM_   Examiner # : _70717_ Date: _10/23/01_
Art Unit: _2453_   Phone Number 30 _5 - 9655_   Serial Number: _09/779,177_
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.
****

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched.
Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or
utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if
known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _) See attached patent_

Earliest Priority Filing Date: _1/19/96_

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the
appropriate serial number.

- remotely ~~processing~~ executing / control of application
  programs over the internet.

- from a remote computer, running a program
  located on another computer and able to
  control the program from the remote computer.

10-24-01 A11:28 IN

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*                                                                             *
*    Prepared for: Dung Dinh, 2153                                            *
*                                                                             *
*    By           : Ellen Lytton, EIC2100   305-0757                          *
*                                                                             *
*    Date         : November 9, 2001                                          *
*                                                                             *
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Examiner Dinh:

Attached is the search you requested on the remote control of progams on computer
networks. There were very high postings for this subject in the fulltext NPL files.
Due to the high postings, even when a controlled searched was done, I printed out
the fifty oldest records. If you would like to see all of the records, just let
me know.

If you would like to have the search modified in any way, you can reach me at
703/305-0757.

Ellen

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     S1        1   PN="US 5909545"
?t,s1/9/1
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1/9/1
DIALOG(R)File 345:Inpadoc/Fam.& Legal· Stat
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15180937
Basic Patent (No,Kind,Date): US 5909545 A 19990601   <No. of Patents: 001>

PATENT FAMILY:
UNITED STATES OF AMERICA (US)
  Patent (No,Kind,Date): US 5909545   A   19990601
    METHOD AND SYSTEM FOR ON DEMAND DOWNLOADING OF MODULE TO ENABLE REMOTE
      CONTROL OF AN APPLICATION PROGRAM OVER A NETWORK (English)
    Patent Assignee: TRIDIA CORP (US)
    Author (Inventor): FRESE II VINCENT   (US); BLEVINS W BRIAN   (US)
    Priority (No,Kind,Date): US 589136 A   19960119
    Applic (No,Kind,Date): US 589136 A   19960119
    National Class: * .395200380; 395200320
    IPC: * G06F-015/136
    Derwent WPI Acc No: * G 99-403767; G 99-403767
    Language of Document: English

UNITED STATES OF AMERICA (US)
  Legal Status (No,Type,Date,Code,Text):
    US 5909545   P   19960119 US AE   APPLICATION DATA (PATENT)
                                 (APPL. DATA (PATENT))
                                 US 589136 A   19960119
    US 5909545   P   19960419 US AS02   ASSIGNMENT OF ASSIGNOR'S
                                 INTEREST
                                 MAXIMUM COMPUTER TECHNOLOGIES, INC. BUILDING
                                 200, SUITE 240 1000 COBB PLACE BOUL ; FRESE
                                 II, VINCENT : 19960415; BLEVINS, W. BRIAN :
                                 19960415
    US 5909545   P   19980624 US AS02   ASSIGNMENT OF ASSIGNOR'S
                                 INTEREST
                                 TRIDIA CORPORATION BUILDING 200, SUITE 210
                                 1000 COBB PLACE BLVD., NW KENNESAW, G ;
                                 MAXIMUM COMPUTER TECHNOLOGIES, INC. :
                                 19980420
    US 5909545   P   19990601 US A   PATENT
    US 5909545   P   20001128 US CC   CERTIFICATE OF CORRECTION

us5909545/pn


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    LGST                        1
    CRXX                        1
    LITA                        0
    PAST                        1

    ** SS   3 : Results         3

    Search statement    4

?prt ss3 max 1-3


    1/3 LGST (1/1) - (C) LEGSTAT
    PN  - US 5909545  [US5909545]
    AP  - US 589136/96  19960119  [1996US-0589136]
    DT  - US-P
    ACT - 19960119  US/AE-A
          APPLICATION DATA (PATENT)
          {US 589136/96  19960119  [1996US-0589136]}
        - 19960419  US/AS02
          ASSIGNMENT OF ASSIGNOR'S INTEREST
          MAXIMUM COMPUTER TECHNOLOGIES, INC. BUILDING 200, SUITE 240 1000 COBB
          PLACE BOUL * FRESE II, VINCENT : 19960415; BLEVINS, W. BRIAN :
19960415
        - 19980624  US/AS02
          ASSIGNMENT OF ASSIGNOR'S INTEREST
          TRIDIA CORPORATION BUILDING 200, SUITE 210 1000 COBB PLACE BLVD., NW
          KENNESAW, G * MAXIMUM COMPUTER TECHNOLOGIES, INC. : 19980420
        - 19990601  US/A
          PATENT
        - 20001128  US/CC
          CERTIFICATE OF CORRECTION
    UP  - 2000-48


    2/3 CRXX (1/1) - (C) CLAIMS/RRX
    AN  - 3154373
    PN  - 5,909,545 A  19990601  [US5909545]
    PA  - Tridia Corp
    PT  - E (Electrical)
    ACT - 20001128  CERTIFICATE OF CORRECTION

    UP  - 2000-48
    UCOR- 2000-11-28


    3/3 PAST (1/1) - (C) PAST
    AN  - 200048-000134
    PN  - 5909545  A  [US5909545]
    DT  - A (UTILITY)
    OG  - 2000-11-28
    CO  - COR
    ACT - CERTIFICATE OF CORRECTION
    SH  - CERTIFICATE OF CORRECTION
```

5,909,545

<=2> GET 1st DRAWING SHEET OF 4

Jun. 1, 1999

Method and system for on demand downloading of module to
enable remote control of an application program over a
network

CERTCORR: Nov. 28, 2000 a Certificate of Correction was issued for this patent
(O.G. Nov. 28, 2000)

CORE TERMS: user, computer, protocol, remote control, rdm, display, interface,
network, remote, module...

5,909,545 OR 5909545

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor
to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEXIS-NEXIS
Library: PATENT
File: CASES

5,909,545 OR 5909545

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LEXIS-NEXIS
Library: PATENT
File: JNLS

5,909,545 OR 5909545

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For further explanation, press the H key (for HELP) and then the ENTER key.

LEXIS-NEXIS
Library: NEWS
File: CURNWS

WEST

| Generate Collection |

Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: NN9801409

L6: Entry 1 of 7   File: TDBD   Jan 1, 1998

DOCUMENT-IDENTIFIER: NN9801409
TITLE: Process for Transparently Locating and Running Applications on Servers

TBTX:
While this technology seems especially useful for running remote applications
that project their interfaces, it can also be used simply to run remote
applications. For example, if a user wished to run a program on his mail
server that filtered out "junk" electronic mail, he could start the program
using the RLM. He needn't worry about where his mail server (or servers)
resided -- or even if they had moved. Differences from Existing Art - The RLM
is in some ways like file servers and network file systems. Both allow users
to run application that are not stored on his computer. However, using either
technology requires that the application execute on his local computer, not on
the server storing it. If his workstation lacks the power to run the
application, or a compatible binary for his node does not exist, the user
cannot run the application. By running application on servers, we need only
one version of the binary (for the server's architecture) and, assuming that
an appropriate server was chosen, the user is assure of sufficient power to
run the application. Thus, unlike file servers, the RLM can allow a user to
run applications otherwise inaccessible to his computer. The RLM is also
similar to queuing systems such as DQS. These systems allow user's to request
that an application run on a computer in a server pool. If a computer is not
free in the server pool, the application will be queued until one becomes
available. This differs from the RLM in that the RLM always runs the
application immediately. Furthermore, the RLM makes provisions (through
bridges) for projecting interfaces back to a user's machine; queuing systems
do not. The RLM is slightly related to the World Wide Web (WWW). The WWW
allows users to load documents without regard to location by following
"hyperlinks." This differs from the RLM since the RLM deals in remotely
executing programs, not locally viewed documents.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc |

☐ 2. Document ID: NN940151

L6: Entry 2 of 7   File: TDBD   Jan 1, 1994

DOCUMENT-IDENTIFIER: NN940151
TITLE: Hooking Function Calls to Hardware to Monitor Computer Output on Other
Computers

TBTX:
This document contains drawings, formulas, and/or symbols that will not appear
on line. Request hardcopy from ITIRC for complete article. - Disclosed is a
method to monitor the output of one computer on another. Monitoring computer
output entails hooking the function calls that produce output on a computer at
one location and sending those function calls to a second computer. The first
computer's output is recreated on the second computer by replaying those

function calls on the second computer. - The output of one computer
occasionally needs to be monitored on another computer. The computer output
may occupy large amounts of storage. For example, visual output may be stored
as bit-mapped images. The image of a PS/2's* VGA display occupies 156
kilobytes of storage. Storing other multimedia output such as video, voice or
music as digitized data also occupies large amounts of storage. - Monitoring
computer output entails capturing the computer output at one location and
sending it to another location for playback. The large amounts of storage
needed to represent the output, especially multimedia output, may degrade the
performance of monitoring the output. This invention addresses how to decrease
the amount of data needed to monitor the output of a remote computer on a
local computer. - The raw data of low level computer output is usually
generated by a higher level function or program. This program makes function
calls to the output device which produces the raw output. The amount of
computer storage needed to hold the data that describes a function call is
significantly less than the storage needed to hold the low level computer
output. - Monitoring the output of a computer may be accomplished by capturing
or 'hooking' function calls made to the computer output device. These function
calls contain all the commands necessary to produce output on any computer.
These function calls can then be sent from the remote computer where they were
hooked to the local computer. The function calls may be executed on the local
computer to produce output identical to the output produced on the remote
computer. 1. The remote computer captures the function calls. 2. The remote
computer sends the function calls to the local computer. 3. The remote
computer executes the function calls. 4. The local computer executes the
function calls. 5. The same output is produced on both the local and remote
computers. - The capture, sending, and execution of the function calls may be
concurrent with the execution of other applications on both the remote and
local computers. Computer tasks not involved with the capture, communication,
and playback of the function calls are not affected by the monitoring of the
computer output. Operating systems that support multitasking, such as OS/2*,
will not have their multitasking capabilities affected. - This procedure does
not limit the type of output which may be monitored. Output devices may be
(but are not limited to) visual displays, sound generators, or other
multimedia output devices. - Similarly, this invention does not limit the
method by which function calls are captured on the remote computer. Any
hooking method is valid as long as it captures all the function calls to the
output device in a form that may be reproduced on the local computer. - The
method by which hooked function calls are sent from the remote computer to the
local computer is independent from this invention. Any functional
communications protocol on any communications media may be used. - This
invention has been implemented in a product which runs on OS/ Presentation
Manager* (PM) on PS/2 Personal Computers (PC). It allows a local PC to take
control of the keyboard and mouse of a remote PC, and monitor the display of
the remote PC. The local PC runs the application-user interface and
communications applications which establish a communications session with the
remote PC, send input to the remote PC, and display the screen of the remote
PC. The remote PC runs applications which establish a communications session
with the local PC, receive input from the local PC, hook graphics function
calls on the remote PC, and send these hooked graphics function calls to the
local PC. The local PC displays the remote PCs screen by receiving the remote
PCs graphics function calls and executing them on the local PC. - This
invention deals with how the application uses the method of hooking the
graphics function calls to monitor the display of the remote PC on the local
PC. - The application hooks the device-independent high level graphics
function calls made by programs to the PM Graphics Engine (GRE) component.
Hooking these function calls on the remote computer is accomplished by
providing the GRE with an entry point that is called when OS/2 first starts,
or 'boots', the computer. The entry point enables the hooking application to
replace all of the GRE functions that produce output on the display. This
means that each time a program calls the GRE component to produce output on
the display, the hooking application is called instead of the GRE function.
The hooking application may then store each graphics function call made by
each PM program in a format that may be sent to the local computer. After the
hooking application stores the function call, the hooking application may
execute the real GRE call to produce the output on the remote computer. - The
hooking application sends the captured GRE function calls to the local
computer. The application uses APPC over a SNA backbone, NetBIOS on a Token
Ring, or ACDI on asynchronous lines for communications. - A receiving

application executes on the local computer, and continuously receives the GRE function calls sent by the remote computer. The receiving application interprets the format of the received function calls, and executes them by calling the appropriate functions in the GRE. This produces output on the local computer which is identical to the output on the remote computer. Several issues had to be resolved to use this concept: 1. Which GRE calls should be hooked on the remote PC 2. How GRE calls should be represented when they are sent from the remote PC to the local PC 3. How the remote PCs GRE calls should be executed on the local PC 4. How the local PC should display the output produced by executing the remote PCs GRE calls The following functional areas of the PM Graphics Engine were studied: o Read only GRE functions o Boundary and correlation o Engine callbacks o Paths and Areas o Device context properties o Regions o Clipping o Advanced Video Input and Output (AVIO) o Color o Fonts and text output o Fill patterns o Bit-maps o GreSaveScreenBits and GreRestoreScreenBits o Lines o Arcs o Co-ordinate systems Solutions to the four issues were found for all areas of the GRE. The following example shows the solution for one of the GRE Arc functions, GreBoxBoth, which draws and fills a rectangular box with a color in a pattern. The rectangular box has one corner at the current (x,y) position and the opposite corner at a specified (x,y) position on the screen. - The first question is: Should the GreBoxBoth be hooked on the remote PC? The answer is yes, because the GreBoxBoth function produces output on the screen. This output must be duplicated on the local PC. - The second issue of how to represent the GreBoxBoth call is more complicated. It is best to go through an example of a program calling GreBoxBoth. When a program on the remote PC wants to draw and fill a box on the screen, it calls the function GreBoxBoth. Because the application hooks all the GRE functions, the program actually calls the application substitute function for GreBoxBoth. The function prototype for GreBoxBoth as defined in the 'C' programming language: When the program calls GreBoxBoth, the application hook function (APP_BoxBoth) that replaced the real GreBoxBoth is called. To reproduce the output from this function on the local PC, the APP_BoxBoth function must send a description of the GreBoxBoth function to the local PC. This description must contain all of the graphics properties used by GreBoxBoth, the necessary parameters passed into GreBoxBoth, and the unique GRE function number that identifies GreBoxBoth. The properties used by GreBoxBoth are the current (x,y) position, the line, or pen, attributes for drawing the outline of the box, and the area, or pattern, attributes for filling the interior of the box. - The APP_BoxBoth function uses the APP_BOXBOTH_DATA_TO_SEND structure to describe the GreBoxBoth function call. This structure occupies 98 bytes. The raw screen output generated by painting the entire screen blue with GreBoxBoth on a VGA display adapter is (640 pixels * 480 pixels * 4 color bits per pixel) / 8 = 153,600 bytes of data. Hooking this function saves sending 153,600 - 98 = 153,502 bytes over sending the raw display data generated by GreBoxBoth. - This savings will improve the performance of monitoring the computer output because less data has to be sent from the remote PC to the local PC to reproduce the remote PCs screen. Performance of the network as a whole, which most likely includes users other than the remote and local PC operators, will improve due to reduced bandwidth usage. Performance on the remote and local PCs will improve because less memory is needed to represent the changes on the remote PCs screen. - Once the local PC receives the APP_BOXBOTH_DATA_TO_SEND buffer from the remote PC, the local PCs receiving application examines the lFunction field of the APP_BOXBOTH_DATA_TO_SEND buffer to determine which GRE functions to call to recreate this information. This solves the third problem, how to execute the remote PCs function calls on the local PC. - The fourth issue of how the local PC can display the output produced by executing the remote PCs graphics calls may be solved by displaying the output in a PM window on the local PC. This window may correspond to the remote PCs screen. For example, the bottom left of the window corresponds to the bottom left of the remote PCs screen. - 'C' pseudo code solving the third and fourth issues is : // window handle of the local PCs user interface HWND hwndLocalPCUserInterface; // The APP_Receive function on the local PC is called when data is // received from the remote PC. It is assumed that the code calling this // function is associated with the communications protocols used for the // communications session between the local and remote PCs. The // implementation of communications is not important to this example. VOID APP_Receive (PBYTE pDataReceived) { // the first four bytes is the unique GRE function number switch ((PULONG) *pDataReceived) { // the buffer received corresponds to a GreBoxBoth call on the remote PC case NGreBoxBoth:

Full | Title | Citation | Front | Review | Classification | Date | Reference   **KWIC** | Draw Desc

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☐ 3. Document ID: NN9312231

L6: Entry 3 of 7   File: TDBD   Dec 1, 1993

DOCUMENT-IDENTIFIER: NN9312231
TITLE: Dynamic Buffering based on Communications Protocols

TBTX:
A mechanism to dynamically determine the optimum configuration of a
communications protocol is disclosed. Each communications protocol is
configured when chosen by the operator so that the greatest amount of data can
be transmitted over that protocol. Due to the proliferation of communications
protocols in today's networks, many applications must communicate over many
varied protocols. Each of these protocols has an optimum configuration so that
data will flow in themost efficient and timely manner. It is often difficult
if not impossiblefor an operator to know or be able to establish that
configuration easily. Having the application determine the correct
configuration based on the protocol chosen by the user is the most effective
mechanism to accomplish this task. Most often these configuration involves the
determination of the correct buffer size in which to transmit the data over
the communications protocol. - A computer application may need to just
communicate over a protocol by broadcasting or directly communicate to another
application. When the operator or user chooses the protocol over which the
application is to communicate, the application needs to have an understanding
of how that protocol operates. The applications can allocate their dynamic
memory and partition it into buffers of the size that is optimum for the
particular communications protocol being used. For example, when using APPC on
a token ring, the optimum would be 16K buffers. These are the buffers in which
data is sent and received. This allows the performance of the application to
be most efficient with the communications used dynamically instead of always
using the same scheme to send and receive data. This practice can be followed
for every protocol that is supported by the particular application. This frees
the operator from understanding the details of a protocol and allows the
application to perform it's communications in the most efficient manner. -
This concept could be expanded to include other parameters such as line speed
for modems or packet size for the Internet Protocol. - This concept has been
implemented in a product which runs on OS/2 Presentation Manager (PM) on PS/2
Personal Computers (PC). It allows a local PC to take control of the keyboard
and mouse of a remote PC, and monitor the display of the remote PC. The local
PC runs the application user interface and communications applications which
establish a communications session with the remote PC, sends input to the
remote PC, and displays the screen of the remote PC. The remote PC runs the
applications which establish a communications session with the local PC and
receive input from the local PC. - These applications use dynamic buffering
for the communications protocols they support which are APPC (Advanced
Program-to-Program Communication), ACDI (Asynchronous Communications Device
Interface), and NetBios. The application configures the respective buffering
at 16K, 2K, and 8K.

Full | Title | Citation | Front | Review | Classification | Date | Reference   **KWIC** | Draw Desc

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☐ 4. Document ID: NA9002264

L6: Entry 4 of 7   File: TDBD   Feb 1, 1990

DOCUMENT-IDENTIFIER: NA9002264
TITLE: Remote Environmental Monitor for Unattended Computer Operations.

TBTX:
- The remote environmental monitor (REM) for unattended computer operations is
a microcomputer program which collects environmental data from unattended
computer rooms and transmits that data to a separate, external computer
network management system. - The environmental data collected by the REM
program consists of, but is not limited to, the following: 1. Power supply
conditions 2. Air temperature 3. Relative humidity 4. Presence of
smoke/fire/flood 5. Ground motion (earthquake) 6. Room and building security
The data is transmitted to any separate automated system used to remotely
operate and control the computers contained in the room being monitored. -
Transmission of the data may occur: 1. Automatically, at regular predetermined
intervals 2. On demand, in response to a command issued from the separate
system used to operate the computers in the room being monitored 3. Upon any
of the environmental factors exceeding a predetermined threshold (e.g., room
temperature exceeding 80oF, detection of smoke or fire) AB: The data
transmitted may be either only the most recent environmental measurements or a
set of accumulated measurements of each factor. - REM Functions: Please refer
to the figure for this discussion of REM functions. The REM program resides
and operates in a microcomputer located in a remote unattended computer room.
Attached to the REM microcomputer are multiple environmental sensors. A set of
hardware interface programs continuously obtain data from the sensors and
provide that data to the REM program. - The REM program obtains the sensor
data from the hardware interface programs and compares those data values to
predetermined threshold values for each environmental factor. If any obtained
value equals or exceeds the associated threshold value, then the REM program
transmits an alert to the network management program via a communication
program resident in the REM microcomputer. The network management program may
pass the alert to its control console terminal display, to notify the operator
on duty. - For example, the REM program may determine that the room air
temperature has exceeded 80oF and transmit an alert message containing that
information to the network management program. - The REM program also
accumulates the data from the sensors and may transmit that data at regular,
predetermined intervals to the remote network management program. Continued
For example, the REM program may transmit once per day the hourly temperature
and humidity readings for the computer room being monitored. - The REM program
also may transmit accumulated or instantaneous data upon receiving a request
to do so from the remote network management program. - The values used as REM
thresholds may be reset by commands issued from the network management
program. For example, the room temperature at which an alert should be sent by
the REM program may be lowered from 80oF to 70oF in response to a command sent
from the network management program through the network management
communication program on the REM microcomputer. The frequency with which the
REM program automatically transmits data may be reset in a similar manner. -
Co-Requisite Software Microcomputer Software: 1. NetView/PC (or equivalent
communications software) 2. IBM PC-DOS Version 3.20 or 3.30, or IBM OS/2
Extended Edition 3. IBM Realtime Interface Control Program DOS Support 4.
Environmental hardware interface software Host Computer Software: 1. NetView
(or equivalent host computer network management software) There is no known
prior art, in that REM provides a new category of information to a network
management program.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | KWIC | Draw Desc |

□   5.   Document ID: NN8901160

DOCUMENT-IDENTIFIER: NN8901160
TITLE: New LISTEN Option for Advanced Program to Program Communications
ALLOCATE Verb Interface

TBTX:
- A method is described which allows "server" applications which perform
resource management functions to run on LU6.2 networks. Communications
applications that act as "server" programs in the UNIX* environment often
perform resource management functions (e.g., instanciating other processes to
perform specific tasks). The LU6.2 architecture has a very rigid definition of
this resource management function. By definition, when a valid transaction
program activation request is received, the LU6.2 resource manager tries to
activate the program to perform the requested transaction. This definition can
be called a Single Resource Manager model. The Single Resource Manager model
is not adequate to support communications "server" applications programs which
provide multiple services, such as terminal emulation, remote command
execution, electronic mail, and file transfer. Such applications define a
Multiple Resource Manager model. Typically, a "server" program will run
continuously in the background waiting for a request for one of its services -
in essence "listening" for a request. The LISTEN option for the ALLOCATE verb
would allow the "server" program to wait for a request. When the activation
request arrived, the "server" could then perform its resource manager
function. Thus, the ALLOCATE(LISTEN) verb extends the Advanced Program to
Program Communications (APPC) interface to support the Multiple Resource
Manager model. The ALLOCATE verb is implemented in the SNA Data Device Driver
(SNADD). The Resource Management function is implemented in the SNA Manager
Device Driver (SNAMDD). Support for the new LISTEN option requires: 1)
additional logic in SNADD to accept the option as input from the AIX**
operating system's file system, and 2) additional logic in SNAMDD for
processing activation requests against resources specified by the LISTEN. The
ALLOCATE(LISTEN) verb carries with it the name of a transaction program for
which an activation request is expected at a future time. When SNADD is
invoked to process the LISTEN, it will cache the transaction program name
(TPN) in a TPN table. Control will then be returned to the issuer of the
LISTEN command. SNAMDD processes received activation requests. The activation
request (in the form of a LU6.2 Function Management Header type 5 containing
an ATTACH command) carries the TPN to be activated. After performing normal
error detection procedures, SNAMDD will search the TPN cache for the TPN
received in the activation request. If the TPN is found in the TPN table, the
application that issued the LISTEN will be posted. Otherwise, SNAMDD will
attempt to activate the transaction program as usual. * Trademark of AT&T Bell
Laboratories. ** Trademark of IBM Corp.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | KWIC | Draw Desc |

☐ 6.   Document ID: NN83035024

L6: Entry 6 of 7   File: TDBD   Mar 1, 1983

DOCUMENT-IDENTIFIER: NN83035024
TITLE: Dynamic Trace Mechanism for Intelligent Terminals. March 1983.

TBTX:
3p. In a network of intelligent terminals having a distributed virtual memory,
a systems programmer is able, by remote control, to start and stop the tracing
of program execution in any of the terminals, without requiring assistance (or
even awareness) from the operators of those terminals. A distributed virtual
memory terminal in which the trace mechanism can be built is described in
European Patent Application 43391. - An intelligent terminal (such as the
above-referenced distributed virtual memory terminal) provides an environment
into which "application programs" can be loaded and within which these

application programs are executed. This environment is typically realized by a
"control program" held in read-only memory, and application programs are
required to do their data input and output by invoking the services of this
control program (even though application programs are usually unconstrained in
the computations which they perform). - Accordingly, at selected points in the
read-only microcode of the distributed virtual memory terminal, there are
calls to a "dynamic trace" routine. Each call specifies one or more of 8
"event type" parameter bits, in order to distinguish between events such as
"processing a keystroke" and "calling a transient". The dynamic trace routine
maintains a "trace mask" byte in system storage. On each call to the dynamic
trace routine, the caller's event-type parameter byte is ANDed with the trace
mask byte, and if the result is zero, there is an immediate return to the
caller and no trace action occurs. On system reset, the trace mask byte is
initialized at zero to inhibit tracing, and in this state the CALLS to the
trace routine with immediate RETURNS have no measurable effect on the
execution time of the control program services. - A means is provided for a
system programmer (who is assumed to have access to the backing store machine
of the distributed virtual memory network) to send commands to a selected
terminal to turn bits on and off in the trace mask byte, so enabling and
disabling the tracing of selected events in that terminal. The action of
tracing makes use of the virtual memory mechanism as follows. When a call to
the dynamic trace routine finds that the specified event type is enabled for
tracing, the dynamic trace routine writes a coded "trace message" into a
"current trace message segment" in the terminal's virtual memory look-aside
store (requesting a new trace message segment to be allocated in the virtual
memory when the current trace message segment is full). Completed trace
message segments are paged back to the backing store (using normal virtual
memory procedures), at which point they can be extracted and decoded by the
systems programmer. - The dynamic trace mechanism in the above referenced
distributed virtual memory system can record any or all of the events listed
below. For each event, the trace message contains an event type code, the
increment of clock time since the last event occurred, and information
specific to the event type. EVENT CONTENT OF TRACE MESSAGE Keystroke entry:
The character code for the key that was struck Task dispatching: The task
identifier Calls to transients: The system name of the transient Returns from
transients: The system name of the transient Page faults: The segment
identifier of the requested segment Page-in of segments: The segment
identifier of the paged-in segment Page-out of segments: The segment
identifier of a segment which, having had its contents modified, is being
copied to the backing store Drop-out of segments: The segment identifier of a
segment which has an exact copy in the backing store, but whose local copy is
being discarded through lack of use Storage allocation: The segment identifier
and length of the allocated storage Change of segment length: The segment
identifier and length of a storage segment which is being extended or
truncated Freeing of storage: The segment identifier and length of the freed
storage Movement of a segment: The real address and length of a segment which
is being moved in memory by the control program in order to overcome storage
fragmentation Program binding to data: The segment identifier of a segment of
procedure or data which is being accessed in virtual memory by an application
program. - In order to limit the distortion which the trace mechanism will
cause in the application program being traced, all of these trace message are
recorded in a compact code. In the distributed virtual memory terminal the
smallest time interval which can be distinguished in application programs is
determined by a 27-millisecond timer interrupt, so in the interest of
compactness the "increment of clock time" variable is omitted from a trace
message if an event is recorded in the same 27-millisecond period as its
predecessor. Trace messages thus vary in length from 2 bytes to 6 bytes,
according to both event type and context. - The dynamic trace procedure can be
used, for example, to obtain a page fault trace of an application program
which over-commits memory, to record the rate of keystroking of terminal
operators, and to determine how far an application program is compute-bound or
I/O-bound.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | KWIC | Draw Desc |

☐ 7.   Document ID: NN80044958

L6: Entry 7 of 7   File: TDBD   Apr 1, 1980

DOCUMENT-IDENTIFIER: NN80044958
TITLE: Remote Maintenance Loop Test on Multipoint Networks Employing Baseband
Data ·Circuit Terminating Equipment. April 1980.

TBTX:
2p. This article addresses the problem of communication between baseband Data
Circuit-terminating Equipments (DCEs) for remote maintenance loop tests on a
multipoint network. - CCITT Recommendation V 54 defines four loops and their
location as seen from the local Data Terminal Equipment (DTE) and shown in the
figure. - Problems arise for the automatic control of loop tests when the DCEs
are baseband DCEs. Control of local loops 1 and 3 can be performed without DCE
modifications, but the control of remote loops 2 and 4 requires a new DCE
design. - This article describes a method which provides for the transmission
of address/command information to the remote DCEs. In the proposed method,
each DCE is provided with the capability of transmitting/receiving two twin
basic codes, that is, two codes that have no spectrum incompatibilities. Two
twin basic codes are, for example, the bipolar and biphase codes. - Let us
consider a network in which data are transmitted over the line by using a
biphase code. The maintenance sequence is initiated by the local DTE which
turns the Remote Loop-back (RL) lead ON. The local DCE detects the RL lead ON
and prepares to accept the address/command signal from the local DTE. The
local DTE transmits the address/command information on the Transmitted Data
(TD) lead to the local DCE. - The local DCE turns the Test Indicator (TI) lead
ON and transmits the address/command information using a bipolar code. The
remote DCEs accept the address/command signal, turn the TI lead ON, and the
selected remote DCE executes the command received. The remote DTE detects the
TI lead ON, thereby is informed of the test condition, and does nto disturb
the test being performed. - Detection of the address/command signal by the
remote DCE is very reliable since two conditions are satisfied: code
recognition and address/command decoding.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | KWIC | Draw Desc |

| Generate Collection |

Terms	**Documents**
15 same 13 same 14	7

| Display | | 10 | Documents, starting with Document: | 7 |

Display Format: | KWIC | | Change Format |

```
File 350:Derwent WPIX 1963-2001/UD,UM &UP=200165
        (c) 2001 Derwent Info Ltd
File 347:JAPIO OCT 1976-2001/JUL(UPDATED 011105)
        (c) 2001 JPO & JAPIO
File 344:CHINESE PATENTS ABS APR 1985-2001/Sep
        (c) 2001 EUROPEAN PATENT OFFICE

Set     Items   Description
S1      117548  (REMOTE? OR DISTANCE OR DISTANT? OR TELE)(5N)(EXECUT? OR C-
                ONTROL? OR RUN? ? OR RUNNING OR ACTUAT? OR ACTIVAT? OR OPERAT?
                OR SHUTDOWN? OR SHUT????()DOWN OR CLOSE? OR CLOSING OR UPDAT-
                ???) OR TELECONTROL?
S2      1033823 PROGRAM? ? OR PROGRAMME OR PROGRAMMES OR APPLICATION? OR S-
                OFTWARE OR INSTRUCTION?
S3      1300099 COMPUTER? OR CPU OR CPUS OR CLIENT? OR TERMINAL? OR WORKST-
                ATION? OR WORK()STATION? OR DESKTOP? OR DESK()TOP? ?
S4      340542  ONLINE OR ON()LINE OR INTERNET? OR INTRANET? OR EXTRANET? -
                OR NETWORK? OR WEB OR LAN OR LANS OR WAN OR WANS OR WAIS
S5      338     S1(10N)S2 AND S3 AND S4
S6      253     S5 NOT AD=(19990101:20011106)/PR
S7      96      S6 NOT AD=(19960119:19981231)/PR
S8      5070    S1(5N)(S2 OR COMMAND?)
S9      335     S8 AND S3 AND S4
S10     223     S8 AND S3(10N)S4
S11     166     S10 NOT AD=(19990101:20011106)/PR
S12     71      S11 NOT AD=(19960119:19981231)/PR
S13     48      S12 AND (IC=G06F OR DC=T01)
S14     48      IDPAT S13 (sorted in duplicate/non-duplicate order)
S15     47      IDPAT S13 (primary/non-duplicate records only)
S16     1       AU=(FRESE V? AND (BLEVINS W? OR BLEVINS B?))
S17     1       S16 NOT S14
S18     13      AU=(FRESE V? OR BLEVINS W? OR BLEVINS B?)
S19     1       S18 AND (S1(10N)S2 AND (S3 OR S4))
```

15/5/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012804329   **Image available**
WPI Acc No: 1999-610559/199952
Related WPI Acc No: 1999-152121; 2000-542244; 2001-158027; 2001-353120
XRPX Acc No: N99-449875
 Passive stylus based power saving system in computer   network
Patent Assignee: PACKARD BELL NEC (PACB)
Inventor: CORTOPASSI M; GLADWIN S C; VOEGELI D W
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5974558	A	19991026	US 94300500	A	19940902	199952	B
			US 95543510	A	19951016		

Priority Applications (No Type Date): US 95543510 A 19951016; US 94300500 A
  19940902
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5974558	A		107	G06F-001/26	CIP of application US 94300500

Abstract (Basic): US 5974558 A
       NOVELTY - A charge pump enables the computer system to enter
   suspended state in response to a preset condition. A pen controller
   enables to activate the computer system from suspended state in
   response to touch by passive stylus on the digitizer. The charge pump
   senses the suspended state, to generate current leakage control signal
   to control shutdown signal in response to the two controllers.
       DETAILED DESCRIPTION - A wireless interface device which includes a
   digitizer, communicates with **remote** host computer for **controlling**
   and accessing input **programs** using passive stylus. An INDEPENDENT
   CLAIM is also included for passive stylus based power saving mode
   operating method.
       USE - For pen-based power saving computer system.
       ADVANTAGE - Provides a system which goes into low-power state after
   a predetermined time period to preserve battery power, which can be
   easily activated from low-power state without need of switch. In the
   low-power state, minimal power is provided to digitizer panel for
   enabling the digitizer to sense contact by passive stylus. Reduces cost
   and cumbersome nature of computer system by not including switch.
       DESCRIPTION OF DRAWING(S) - The figure shows state diagram
   illustrating the six internal power management states of wireless
   interface device.
       pp; 107 DwgNo 5/66
Title Terms: PASSIVE; STYLUS; BASED; POWER; SAVE; SYSTEM; COMPUTER; NETWORK
Derwent Class: **T01**
International Patent Class (Main): **G06F-001/26**
File Segment: EPI

15/5/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012721024   **Image available**
WPI Acc No: 1999-527136/199944
XRPX Acc No: N99-390466
   Remote   execution **method of** commands **for** networked   computer
 system
Patent Assignee: APPLE COMPUTER INC (APPY)
Inventor: GOCHEE J R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5953514	A	19990914	US 95553769	A	19951023	199944	B

Abstract (Basic): US 5953514 A
        NOVELTY - A working directory is set on a remote machine to
    formatted working directory, after which the command is executed to
    produce result. Result is scanned for presence of path names of format
    suitable for use on remote machine and path names are converted to the
    format of local machine. Then, certain texts within the result are
    reformatted and converted result is sent to a local machine.
        DETAILED DESCRIPTION - The local machine requests **remote**
    execution of a **command** on **remote** machine, where both local and
    remote machines work on different **operating** systems. The **command**
    is sent on the working directory of local machine to remote machine
    where it is formatted to use on remote machine. INDEPENDENT CLAIMS are
    also included for the following:
            (a) system for **remote**   **execution** of **commands** ;
            (b) **program** for **remote**   **execution** of **commands**
        USE - For computer programs, commands etc., that have to run on
    different **computers** in a **network** , working on different operating
    systems for e.g. UNIX, Windows etc.
        ADVANTAGE - Synchronizes working directory on remote machine to
    working directory on local machine. **Commands** **operate** correctly on
    remote machine and return correct results to local machine. Commands
    performed remotely, is transparent to user and other software tools,
    which enables software development to be done faster while utilizing
    remote computing resources.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
    the **networked** **computer** system implementary **remote** **execution**
    method of **commands** .
        pp; 12 DwgNo 1/4
Title Terms: REMOTE; EXECUTE; METHOD; COMMAND; COMPUTER; SYSTEM
Derwent Class: **T01**
International Patent Class (Main): **G06F-015/163**
File Segment: EPI

 15/5/3   **(Item 3 from file: 350)**
 Information service system in network - has process part provided in
 personal operation **information server to perform remote** operation **of**
 terminal equipment based on remote operation command

Abstract (Basic): JP 9081627 A
        The system has an user terminal equipment (101) and a personal
    operated information server (117) which offers the service of the
    personnel. An automatic information server provides automatic service
    based on the service request received from the terminal equipment. The
    automatic information server is connected to the **terminal** equipment
    through a communication **network** . The two servers are arranged in a

centre.
        The terminal equipment transmits a log to the personnel information
    server which receives and displays the log on a display device. The
    personnel server receives the **remote   operation   command** of the
    personnel and transmits it to the terminal equipment. A process unit is
    provided based on which (A) standalone service, (B) automatic service,
    (C) personnel service are offered.
        ADVANTAGE - Prevents misoperation by not displaying unused menu.
        Dwg.1/24
Title Terms: INFORMATION; SERVICE; SYSTEM; NETWORK; PROCESS; PART; PERSON;
    OPERATE; INFORMATION; SERVE; PERFORMANCE; REMOTE; OPERATE; TERMINAL;
    EQUIPMENT; BASED; REMOTE; OPERATE; COMMAND
Derwent Class: **T01**
International Patent Class (Main): **G06F-017/60**
International Patent Class (Additional): **G06F-015/00**
File Segment: EPI

  15/5/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011345020   **Image available**
WPI Acc No: 1997-322925/199730
XRPX Acc No: N97-267263
 Computer system for manufacturing disc pack assemblies - receives set of
 master discs for particular software product and enters product details
 and images into two databases that are under control of master data input
 program
Patent Assignee: MENDLESHAM LTD (MEND-N)
Inventor: CUMMINS A; NEARY M; RYAN E; RYAN K
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
IE 71948   B   19970312   IE 94891   A   19941114 199730 B

Priority Applications (No Type Date): IE 94247 A 19940321
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
IE 71948   B   8 G06F-015/40

Abstract (Basic): IE 71948 B
        The system includes a master data input for entering images of the
    master discs into a first database and related product information into
    a second database. The product information includes address codes which
    define the location of each disc image in the first database. Work
    order means are used for extracting the address codes from the second
    database when it is desired to duplicate disc pack assemblies.
        The address codes and the number of disc pack assemblies, to be
    duplicated are passed to a duplication station. The duplication station
    accesses the first database at the locations defined by the address
    codes, to read the disc images for use by a disc duplicating machine.
    Preferably the system includes several duplication stations, any of
    which is able to duplicate disc pack assemblies.
        USE - E.g. for manufacturing disc pack assemblies for PC's, by
    reproduction of disc image information received on master discs. For
    computer   network where index and image databases are stored in
    central host **computer** and master data input and work order **programs**
    are **run** at **remote** workstations.
        Dwg.1/2
Title Terms: COMPUTER; SYSTEM; MANUFACTURE; DISC; PACK; ASSEMBLE; RECEIVE;
    SET; MASTER; DISC; SOFTWARE; PRODUCT; ENTER; PRODUCT; DETAIL; IMAGE; TWO;
    CONTROL; MASTER; DATA; INPUT; PROGRAM
Derwent Class: **T01** ; T03
International Patent Class (Main): **G06F-015/40**
International Patent Class (Additional): G11B-005/012
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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011325265   **Image available**
WPI Acc No: 1997-303169/199728
XRPX Acc No: N97-250750
**Remote program change system for network apparatus - transmits system
reset command and makes RAM to transfer control program in IC card for
controlling network apparatus**
Patent Assignee: NIPPON DENKI IDO TSUSHIN KK (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9114671	A	19970502	JP 95270967	A	19951019	199728	B

Priority Applications (No Type Date): JP 95270967 A 19951019
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9114671	A		6	G06F-009/445	

Abstract (Basic): JP 9114671 A
    The system is installed in a network. A control program for
controlling the network apparatus (1) is stored inside and communicates
with a surveillance **control** apparatus (9) for **remote   program**
changing. The power supply is switched on for the **network** apparatus.
A second **CPU** (6) stores the control program in a IC card (7) of RAM
(4). A first **CPU** (2) performs the control program in ram and controls
the **network** apparatus transmits the revised new system program to the
network apparatus. An IC card write in command is transmitted for
writing the new system program in the IC card during normally stored
condition. A system reset command is transmitted when storing in
inaccurate usual state. The RAM transfer the control program in the IC
card controlling the network apparatus.
    ADVANTAGE - Performs temporary implementation for increasing number
of revision of control program.
    Dwg.1/3
Title Terms: REMOTE; PROGRAM; CHANGE; SYSTEM; NETWORK; APPARATUS; TRANSMIT;
  SYSTEM; RESET; COMMAND; RAM; TRANSFER; CONTROL; PROGRAM; IC; CARD;
  CONTROL; NETWORK; APPARATUS
Derwent Class: **T01**
International Patent Class (Main): **G06F-009/445**
International Patent Class (Additional): **G06F-013/00**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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011294388   **Image available**
WPI Acc No: 1997-272293/199724
XRPX Acc No: N97-225594
Communications system allowing clients **to subscriber to value added
network - has several** clients, **value added** network, **public
communications** network, **& direct dialup** network, clients **are
allowed to selectively communicate with value added** network **via either
direct or public communications networks**
Patent Assignee: STERLING COMMERCE INC (STER-N)
Inventor: HAFNER E A; ROHRER T H
Number of Countries: 073 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9716793	A1	19970509	WO 96US17456	A	19961101	199724	B
AU 9676009	A	19970522	AU 9676009	A	19961101	199739	
NO 9801979	A	19980702	WO 96US17456	A	19961101	199836	
			NO 981979	A	19980430		

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EP 870252      A1   19981014   EP 96938695    A   19961101  199845
                               WO 96US17456   A   19961101
BR 9611143     A    19991228   BR 9611143     A   19961101  200018
                               WO 96US17456   A   19961101
```

Priority Applications (No Type Date): US 95552923 A 19951103
Cited Patents: 3.Jnl.Ref; US 5517622; US 5528757; US 5530852; US 5557780;
   US 5561769
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 9716793   A1 E 18 G06F-017/00
   Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
   ·CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
   MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ
   VN
   Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE
   LS LU MC MW NL OA PT SD SE SZ UG
BR 9611143   A   G06F-017/00   Based on patent WO 9716793
AU 9676009   A   G06F-017/00   Based on patent WO 9716793
EP 870252   A1 E   G06F-017/00   Based on patent WO 9716793
   Designated States (Regional): BE DK GB LU NL SE
NO 9801979   A   H04L-000/00

Abstract (Basic): WO 9716793 A
        The system includes one or more **clients** (20), a value added
   network (90), a public communications **network** and a direct dialup
   network (70). The **clients** are allowed to selectively communicate
   with the value added **network** through either the direct network or the
   public communications network (60).
        The value added network comprises multiple applications programs
   remotely accessed by one or more of the clients, and several servers
   linked through an Ethernet connection. The public communications
   network could be the Internet, and the dialup connection an X.25
   network . Communication between the **client** and the value added
   network is in the form of point to point protocol.
        USE - For allowing flexible access and multitasking capabilities to
   value added networks.
        ADVANTAGE - Provides cost efficient, secure and flexible data
   exchange between clients and **applications** which they access on
   remote server, and allow clients to **operate** multiple sessions via
   single communications connection to server.
        Dwg.1/3
Title Terms: COMMUNICATE; SYSTEM; ALLOW; CLIENT; SUBSCRIBER; VALUE; ADD;
   NETWORK; CLIENT; VALUE; ADD; NETWORK; PUBLIC; COMMUNICATE; NETWORK;
   DIRECT; NETWORK; CLIENT; ALLOW; SELECT; COMMUNICATE; VALUE; ADD; NETWORK;
   DIRECT; PUBLIC; COMMUNICATE; NETWORK
Derwent Class: **T01**
International Patent Class (Main): **G06F-017/00** ; H04L-000/00
File Segment: EPI

 15/5/7   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011245430   **Image available**
WPI Acc No: 1997-223333/199720
XRPX Acc No: N97-184766
 DPS client **type server for** network - includes server management
 information hold unit that maintains management information of server
 which serves as responded message of server to message sent by client
Patent Assignee: TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 9069081   A   19970311 JP 95223823   A   19950831 199720 B

Priority Applications (No Type Date): JP 95223823 A 19950831

Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 9069081   A   7 G06F-015/16

Abstract (Basic): JP 9069081 A
        The server includes a message interchange unit (11) that transmits
    and receives the message sent by a client. The message sent is stored
    and classified in a message queue unit (12) that is to be retrieved in
    a last in - first out order. The message contains service demand which
    is handed to a server.
        A scenario information hold unit (16) holds an information scenario
    with procedure. A server management information hold unit (17)
    maintains the management information which is the responded message of
    the server to the client. A scenario interpretation execution unit (13)
    converts the produced message of server to a remote call based on a
    remote call unit (15). A server connection unit (14) is connected to
    both information hold unit and execution unit. The message is
    interchanged through the remote call un it with a remote call program.
        ADVANTAGE - Offers ease of system and raised **operation** rate
    because of presence of **remote** call **program** in server.
        Dwg.2/3
Title Terms: CLIENT; TYPE; SERVE; NETWORK; SERVE; MANAGEMENT; INFORMATION;
  HOLD; UNIT; MAINTAIN; MANAGEMENT; INFORMATION; SERVE; SERVE; RESPOND;
  MESSAGE; SERVE; MESSAGE; SEND; CLIENT
Derwent Class: **T01** ; W01
International Patent Class (Main): **G06F-015/16**
International Patent Class (Additional): **G06F-013/00** ; **G06F-015/00**
File Segment: EPI

 15/5/8   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010676471   **Image available**
WPI Acc No: 1996-173425/199618
XRPX Acc No: N96-145676
 **Distributing processing between limited mobile computer and one with more
 resources - executing first version of algorithm with mobile at user
 invoked** application **and** remote **computer** executing **second version
 concurrently with first**
Patent Assignee: AMERICAN TELEPHONE & TELEGRAPH CO (AMTT); AT & T CORP
   (AMTT); LUCENT TECHNOLOGIES INC (LUCE)
Inventor: HAAS Z
Number of Countries: 007 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 705014	A1	19960403	EP 95306476	A	19950914	199618	B
JP 8095911	A	19960412	JP 95262066	A	19950918	199625	
CA 2155773	A	19960322	CA 2155773	A	19950810	199627	
US 5598534	A	19970128	US 94309711	A	19940921	199710	
CA 2155773	C	19991123	CA 2155773	A	19950810	200015	

Priority Applications (No Type Date): US 94309711 A 19940921
Cited Patents: EP 351234; WO 9412938
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 705014	A1	E	9	H04L-029/06	

   Designated States (Regional): DE FR GB IT

Patent No	Kind	Lan	Pg	Main IPC	
CA 2155773	C	E		G06F-015/163	
JP 8095911	A		9	G06F-015/00	
US 5598534	A		9	G06F-015/00	
CA 2155773	A			G06F-015/163	

Abstract (Basic): EP 705014 A
        The process involves establishing wireless communications via base
    stations (18) and a packet switched digital **network** (17) for
    transferring information between the mobile **computer** (12) and the

remote computer (20). A first version of an algorithm is executed with the mobile to perform a function associated at a user invoked application to obtain a result.

A second version of the algorithm is **executed** by the **remote** computer concurrently with **executing** the first. The invoked **application** is supplied to the mobile. The mobile comprises a portable digital assistant. The remote **computer** comprises a **network** of **computers** .

USE/ADVANTAGE - Optimal delivery and utilisation of personal communication devices. Distributes processing load between mobile **computer** and remote accessible backbone **network** in wireless communication environment.

Dwg.1/4

Title Terms: DISTRIBUTE; PROCESS; LIMIT; MOBILE; COMPUTER; ONE; MORE; RESOURCE; EXECUTE; FIRST; VERSION; ALGORITHM; MOBILE; USER; INVOKE; APPLY ; REMOTE; COMPUTER; EXECUTE; SECOND; VERSION; CONCURRENT; FIRST
Derwent Class: **T01** ; W01
International Patent Class (Main): **G06F-015/00** ; **G06F-015/163** ; H04L-029/06
International Patent Class (Additional): **G06F-013/00** ; H04L-012/56
File Segment: EPI

15/5/9   (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010621755
WPI Acc No: 1996-118708/199613
XRPX Acc No: N96-099277
 Co-operative working between computers with different operating systems - exchanges window image formats during transmission so each has display of other computers window on their screen
Patent Assignee: SAT TELECOM SA (STLE)
Inventor: BONNOT L; PERRAUDEAU B; SANCEY J L
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
FR 2723225	A1	19960202	FR 949466	A	19940729	199613	B

Priority Applications (No Type Date): FR 949466 A 19940729
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2723225	A1		21	G06F-015/173	

Abstract (Basic): FR 2723225 A
The co-operative working system requires all involved **computers** to be connected to a communication **network** . A representation of the visual image of the screen of one computer is transmitted to the other, and then the screen image of the second computer is transmitted to the first. Each user then has an image of the other user's screen.

The storage capacities of the computers are exchanged to allow determination of a common intermediate format. The data is transformed from the format used by one computer to the format used by the other during transmission. Data structures used for windows is also translated during transmission so the image of the window and its menus is correctly displayed.

USE - Multiple use of same application on multiple computers with mix of Apple System 7 and Windows operating systems

ADVANTAGE - Allows simultaneous collaborative working on one **application** between **distant** computer users **running** a variety of operating systems.

Dwg.0/8

Title Terms: CO; OPERATE; WORK; COMPUTER; OPERATE; SYSTEM; EXCHANGE; WINDOW ; IMAGE; FORMAT; TRANSMISSION; SO; DISPLAY; COMPUTER; WINDOW; SCREEN
Index Terms/Additional Words: APPLE; WINDOWS; MICROCOMPUTERS
Derwent Class: **T01**
International Patent Class (Main): G06F-015/173

International Patent Class (Additional): G06F-013/38
File Segment: EPI

 15/5/10   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010619710   **Image available**
WPI Acc No: 1996-116663/199612
XRPX Acc No: N96-097614
 **Distributed computer environment hardware-software monitoring system -
 has at local work station monitor routine for generating** execute
 command **to be sent to** remote **work station via communication device**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: GLOWNY D A; KISTENMACHER J C; RAHN C M; THOMAS J C
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5491791   A   19960213 US 95372786   A   19950113 199612 B

Priority Applications (No Type Date): US 95372786 A 19950113
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5491791   A   14 G06F-011/00

Abstract (Basic): US 5491791 A
     The system includes a communication device at each **work   station**
  of the number of **work   stations** for communicating via the **network**
  with other **work   stations** of the number of **work   stations** . A
  diagnostic routine at the remote work station is provided for
  monitoring a configuration characteristic of the remote work station
  and for providing a report file.
     The diagnostic routine is responsive to an execute command sent
  from the local work station to the remote work station via the
  communication device. A monitor device at the local work station is
  used for automatically and periodically, in accordance with a
  diagnostics schedule, generating the execute command. An analysis
  device at the local work station is provided for analysing the report
  file transferred from the remote work station to the local work
  station.
     USE/ADVANTAGE - In information processing system. Provision for
  elimination of significant amount of manual effort otherwise required
  to run diagnosing tools and search through multiple work stations.
     Dwg.1/6
Title Terms: DISTRIBUTE; COMPUTER; ENVIRONMENT; HARDWARE; SOFTWARE; MONITOR
  ; SYSTEM; LOCAL; WORK; STATION; MONITOR; ROUTINE; GENERATE; EXECUTE;
  COMMAND; SEND; REMOTE; WORK; STATION; COMMUNICATE; DEVICE
Index Terms/Additional Words: LOCAL; AREA; NETWORK
Derwent Class: **T01**
International Patent Class (Main): **G06F-011/00**
File Segment: EPI

 15/5/11   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010611610   **Image available**
WPI Acc No: 1996-108563/199612
XRPX Acc No: N96-090823
 Remote command system for LAN - includes remote   command   execution
 module to address or link command **transfer module through communication
 network**
Patent Assignee: FUJITSU LTD (FUIT)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week

JP 7319833   A   19951208 JP 94110759   A   19940525 199612 B

Priority Applications (No Type Date): JP 94110759 A 19940525
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 7319833   A   5 G06F-015/16

Abstract (Basic): JP 7319833 A
        The remote **command** system has two or more **remote   control**
    execution modules (5). First and second **computers** (1,2) are
    connected through a communication **network** (3). A command transfer
    module (4) is set up in the first computer. The **remote   command**
    execution module is set up in the second computer.
        The **remote   command   execution** module communicates with the
    command transfer module and requests for command information. After
    receiving the command information, it executes the command.
        ADVANTAGE - Increases processing efficiency.
        Dwg.1/3
Title Terms: REMOTE; COMMAND; SYSTEM; LAN; REMOTE; COMMAND; EXECUTE; MODULE
  ; ADDRESS; LINK; COMMAND; TRANSFER; MODULE; THROUGH; COMMUNICATE; NETWORK
Derwent Class: **T01**
International Patent Class (Main): **G06F-015/16**
International Patent Class (Additional): **G06F-013/00**
File Segment: EPI

  15/5/12   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010433164   **Image available**
WPI Acc No: 1995-334484/199543
XRPX Acc No: N95-250727
 Network system for communication using image data or tone - has remote
 process controller **which** controls   execution **of target** program
 when being accessed by other computer through input and output file
Patent Assignee: SONY CORP (SONY)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 7231323   A   19950829 JP 9421506   A   19940218 199543 B

Priority Applications (No Type Date): JP 9421506 A 19940218
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 7231323   A   9 H04L-012/40

Abstract (Basic): JP 7231323 A
        The system has a **computer** (10) which is connected to a **network**
    line. A **CPU** controls each part on the **computer** according to a
    program counter. The data are entered or delivered between the **network**
    line and a bus line of the **computer** through an interface.
        Through a **remote** process **controller** (RM), a target **program**
    (T1) is started from the other **computer** that is connected in the
    network line. It can be accessed by the other **computer** through an
    input and output file based on a table of a condition display file.
    Then, the execution of the target program is controlled.
        ADVANTAGE - Improves processing efficiency through CPU. **Controls**
    TV receiver through **remote   operation   controller** . Simplifies
    development of **program** counter.
        Dwg.9/9
Title Terms: NETWORK; SYSTEM; COMMUNICATE; IMAGE; DATA; TONE; REMOTE;
  PROCESS; CONTROL; CONTROL; EXECUTE; TARGET; PROGRAM; ACCESS; COMPUTER;
  THROUGH; INPUT; OUTPUT; FILE
Derwent Class: **T01** ; W01
International Patent Class (Main): H04L-012/40
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

010427159   **Image available**
WPI Acc No: 1995-328479/199542
XRPX Acc No: N95-247219
 Audio/video distribution to several local and/or remote stations - uses
 multimedia workstations with network and audio/visual software to
 allow A/V materials to be selectably distributed to multimedia
 workstations
Patent Assignee: APPLE COMPUTER INC (APPY)
Inventor: BUTAH J D; DOYLE M T; GLASS S E
Number of Countries: 060 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9524796	A1	19950914	WO 95US2017	A	19950215	199542	B
AU 9518461	A	19950925	AU 9518461	A	19950215	199601	
EP 749661	A1	19961227	EP 95910291	A	19950215	199705	
			WO 95US2017	A	19950215		
JP 9510065	W	19971007	JP 95523469	A	19950215	199750	
			WO 95US2017	A	19950215		

Priority Applications (No Type Date): US 94207779 A 19940308
Cited Patents: 3.Jnl.Ref; EP 263799; EP 279558; EP 329912; US 4715818; US
  4891633; US 4920432; US 5276866; US 5318450
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
WO 9524796	A1 E 60	H04N-007/10	

    Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE
    ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ
    PL PT RO RU SD SE SI SK TJ TT UA UZ VN
    Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC
    MW NL OA PT SD SE SZ UG

Patent No	Kind Lan Pg	Main IPC	Filing Notes
AU 9518461	A	H04N-007/10	Based on patent WO 9524796
EP 749661	A1 E 1	H04N-007/10	Based on patent WO 9524796

    Designated States (Regional): DE FR GB

Patent No	Kind Lan Pg	Main IPC	Filing Notes
JP 9510065	W 46	H04N-007/10	Based on patent WO 9524796

Abstract (Basic): WO 9524796 A
       The appts for selectable audio/video delivery to at least one
   multimedia workstation has an A/V source for generating and modulating
   A/V material as a first stream of analog signals on a first frequency
   channel. An A/V network is coupled to the source for conveying the
   signals to the channel. A multimedia workstation receives the signals
   from the channel in response to a control command. The received signal
   stream is digitised in real time and rendered as video images and sound
   on the multimedia station.
       A digital data network conveys the selectably provided control
   commands to the workstation . A remote A/V distribution controller
    has a second A/V control module for selectably providing the second
   A/V rendering control commands and placing them onto the digital data
   network.
       USE/ADVANTAGE - Computer systems, A/V devices and networking .
   Simple system Does not put heavy burden on digital network.
       Dwg.1A/7
Title Terms: AUDIO; VIDEO; DISTRIBUTE; LOCAL; REMOTE; STATION; NETWORK;
  AUDIO; VISUAL; SOFTWARE; ALLOW; MATERIAL; SELECT; DISTRIBUTE
Derwent Class: P85; W01; W02; W03; W04
International Patent Class (Main): H04N-007/10
International Patent Class (Additional): G06F-017/00 ; G09B-005/08;
  G09B-005/14; H04N-007/173
File Segment: EPI; EngPI

DIALOG(R)File 350:Derwent WPIX

010421711   **Image available**
WPI Acc No: 1995-323031/199542
 Automatic program transmission computer network **system - has program
 counter which sends program automatically to all machines connected in
 network**
Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 7200509	A	19950804	JP 93352750	A	19931228	199542	B

Priority Applications (No Type Date): JP 93352750 A 19931228
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7200509	A		6	G06F-015/177	

Abstract (Basic): JP 7200509 A
     The system includes a sending menu unit (11) which consists of a
  list of program counters for carrying out menu list of program counter
  from a master server (1). A master server is provided by a server (12)
  which calls the server sending unit (21) of each slave server (2).
  Similarly, client (13) is provided which calls the client sending unit
  (31) of each slave server.
     The server sending unit sends the program counter to the slave
  server from the master server executing a copy command. A client
  sending unit sends the program counter to the subordinate client (3)
  from the master server or slave server of higher order **executing** a
 remote copy **command** .
     ADVANTAGE - Requires less sending time of program to computer.
  Reduces burden to system administrator during control of program
  counter.
     Dwg.1/9
Title Terms: AUTOMATIC; PROGRAM; TRANSMISSION; COMPUTER; NETWORK; SYSTEM;
  PROGRAM; COUNTER; SEND; PROGRAM; AUTOMATIC; MACHINE; CONNECT; NETWORK
Derwent Class: **T01** ; W01
International Patent Class (Main): **G06F-015/177**
International Patent Class (Additional): **G06F-009/445** ; **G06F-013/00**
File Segment: EPI

 15/5/15   (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010325268   **Image available**
WPI Acc No: 1995-226542/199530
XRPX Acc No: N95-177485
 **Remote code execution method - executing client program on client node,
 requesting execution of server code and determining server node where
 server code will be executed and executing code in response to request to
 execute code**
Patent Assignee: MICROSOFT CORP (MICR-N)
Inventor: HELD A G; JUNG E; ZBILOWSKI M; ZBIKOWSKI M
Number of Countries: 006   Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 660234	A2	19950628	EP 94118510	A	19941124	199530	B
CA 2136402	A	19950530	CA 2136402	A	19941122	199535	
JP 7200449	A	19950804	JP 94293588	A	19941129	199540	
EP 660234	A3	19950816	EP 94118510	A	19941124	199613	
US 5699518	A	19971216	US 93158631	A	19931129	199805	
EP 660234	B1	20000719	EP 94118510	A	19941124	200037	
DE 69425318	E	20000824	DE 625318	A	19941124	200048	
			EP 94118510	A	19941124		
CA 2136402	C	20010109	CA 2136402	A	19941122	200107	

Priority Applications (No Type Date): US 93158631 A 19931129
Cited Patents: No-SR.Pub; 6.Jnl.Ref
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 660234   A2 E 32 G06F-009/46
   Designated States (Regional): DE FR GB
CA 2136402   A   G06F-009/44
JP 7200449   A   25 G06F-013/00
EP 660234   A3   G06F-009/46
US 5699518   A   29 G06F-013/00
EP 660234   B1 E   G06F-009/46
   Designated States (Regional): DE FR GB
DE 69425318   E   G06F-009/46   Based on patent EP 660234
CA 2136402   C E   G06F-009/44

Abstract (Basic): EP 660234 A
        The method for **executing** code **remotely** involves executing a
    client   program on a **client** node which communicates with a **network**
    . The executing **client** program requests the execution of server code
    corresp to an object instance or object class instance with which the
    client program desires to communicate. In response to the client
    program request, the computer system determines a location where the
    server code will be executed.
        The determination is made using a set of rules that arbitrate
    between location contexts specified by the corresp server program and a
    location context requested by the client program. Once the application
    location is determined, the client program forwards its request to the
    appropriate node, which requests execution of the requested server
    node.
        USE/ADVANTAGE - Specifying execution of server code on **computer**
    system node without pre-configuring **network** and without **client**
    knowledge of specific location.
        Dwg.1/7
Title Terms: REMOTE; CODE; EXECUTE; METHOD; EXECUTE; CLIENT; PROGRAM;
   CLIENT; NODE; REQUEST; EXECUTE; SERVE; CODE; DETERMINE; SERVE; NODE;
   SERVE; CODE; EXECUTE; EXECUTE; CODE; RESPOND; REQUEST; EXECUTE; CODE
Derwent Class: **T01**
International Patent Class (Main): **G06F-009/44** ; **G06F-009/46** ;
 G06F-013/00
International Patent Class (Additional): **G06F-015/76**
File Segment: EPI

 15/5/16   (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010305377   **Image available**
WPI Acc No: 1995-206637/199527
XRPX Acc No: N95-161942
   Networked **remote** computer **software installation method - involves
 ensuring remote system can be reached and has necessary resources to
 support installation before sending data stream over network**
Patent Assignee: HEWLETT-PACKARD CO (HEWP)
Inventor: PLATT S M
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5421009   A   19950530 US 93171498   A   19931222   199527 B

Priority Applications (No Type Date): US 93171498 A 19931222
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5421009   A   13 G06F-013/00

Abstract (Basic): US 5421009 A
        The method involves ensuring that the remote system can be reached
    through the network before installing the software. It is also ensured

that the remote system has the capability of **running** processes
remotely , that the **remote** system has all the **commands** necessary to
perform the installation, that the remote system has the correct
hardware and software to support the installation and that sufficient
disk space exists on the remote computer system for the installation.
    The method then combines all files that are being remotely
installed into a single data stream. The single data stream is sent
over the **network** to the remote **computer** system and separated into
the original files on the remote system.
    ADVANTAGE - Allows user to interactively select each remote
computer system for software installation. Provides file containing
list of all remote computer systems. Avoids need for installing
download program on client system prior to installation.
    Dwg.8/8
Title Terms: REMOTE; COMPUTER; SOFTWARE; INSTALLATION; METHOD; ENSURE;
  REMOTE; SYSTEM; CAN; REACH; NECESSARY; RESOURCE; SUPPORT; INSTALLATION;
  SEND; DATA; STREAM; NETWORK
Derwent Class: **T01**
International Patent Class (Main): **G06F-013/00**
File Segment: EPI

 15/5/17   (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010292980   **Image available**
WPI Acc No: 1995-194240/199525
XRPX Acc No: N95-152440
    Computer   network **with data back-up and restore system - has back-up
 and restore software modules including back-up engine including generic
 remote file system and agents for loading on** computer   network
Patent Assignee: ARCADA SOFTWARE (ARCA-N); SEAGATE TECHNOLOGY INC (SEAG-N)
Inventor: DEVOS S R; FLETCHER D J
Number of Countries: 020 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9513580	A1	19950518	WO 94US12915	A	19941109	199525	B
EP 728333	A1	19960828	WO 94US12915	A	19941109	199639	
			EP 95901193	A	19941109		
JP 9509768	W	19970930	WO 94US12915	A	19941109	199749	
			JP 95513981	A	19941109		
US 6038379	A	20000314	US 93150488	A	19931109	200020	
			US 95541954	A	19951011		

Priority Applications (No Type Date): US 93150488 A 19931109; US 95541954 A
  19951011
Cited Patents: 1.Jnl.Ref; US 5005122; US 5133065
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9513580	A1	E	62	G06F-011/14	

    Designated States (National): CA CN JP
    Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
    PT SE

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6038379	A			G06F-013/00	Cont of application US 93150488
EP 728333	A1	E	1	G06F-011/14	Based on patent WO 9513580

    Designated States (Regional): DE FR GB IT NL

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9509768	W		70	G06F-012/00	Based on patent WO 9513580

Abstract (Basic): WO 9513580 A
    The **computer   network** includes a number of **workstations**
running disparate operating systems and a file server having a tape
driver for back-up and restore of data on the **network** . The file
server **runs** generic **remote** file system (GRFS) and **workstations**
run GRFS agent **programs** which allow the GRFS file system to access
data within a workstation having a given GRFS agent program.
    The GRFS file system interfaces with each GRFS agent program via a
command/response paradigm, with the messages being structured to

support the disparate operating systems for back-up and restore, to
allow data to be interchanged between the disparate operating systems,
and to allow multiple users of the network to request simultaneously
back-up and restore.
        USE/ADVANTAGE - Protecting data through back-up and restore
operations using restore software processed on **computer   network** .
Enables **computer   network** to be expanded to support **computers**
running major operating systems e.g DOS, Windows, OS/2, UNIX and
Macintosh.
        Dwg.2/5
Title Terms: COMPUTER; NETWORK; DATA; BACK; UP; RESTORATION; SYSTEM; BACK;
   UP; RESTORATION; SOFTWARE; MODULE; BACK; UP; ENGINE; REMOTE; FILE; SYSTEM
   ; AGENT; LOAD; COMPUTER; NETWORK
Derwent Class: **T01**
International Patent Class (Main): **G06F-011/14 ; G06F-012/00 ;**
 G06F-013/00
International Patent Class (Additional): **G06F-012/16 ; G06F-015/00 ;**
   H04L-012/28
File Segment: EPI

 15/5/18   (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010057084   **Image available**
WPI Acc No: 1994-324795/199440
XRPX Acc No: N94-255067
 **Intelligent local area network modem node - combines attributes of LAN
 node, intelligent operating personal computer and one or more modems
 constructed in dedicated fashion**
Patent Assignee: MULTI-TECH SYSTEMS INC (MULT-N)
Inventor: BHAT D; NGO H S; SUNDARRAAJAN N
Number of Countries: 019 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5355365	A	19941011	US 9340931	A	19930331	199440	B
WO 9423515	A1	19941013	WO 94US3608	A	19940331	199441	

Priority Applications (No Type Date): US 9340931 A 19930331
Cited Patents: 02Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5355365	A		83	H04L-012/28	
WO 9423515	A1	E	109	H04L-012/28	

    Designated States (National): CA JP
    Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
    PT SE

Abstract (Basic): US 5355365 A
        The node comprises at least one modem for connection to a remote
   computer . A **network** interface communicates as a node on the **LAN**
    using a level packet protocol. A main controller connected to the modem
    and connected to the network interface as a node on the LAN uses a
    second level packet protocol imbedded within the first to communicate
    with the selected **computer** attached as nodes on the **LAN** . The main
    controller further includes an inter-module software controller for
    controlling access to the modem by the selected **computer** attached as
    nodes on the **LAN** and by the remote **computer** .
        A **remote   control   software** unit communicates with the **remote**
    computer. An async server **software** unit communicates with the
    selected one of a number of **computers** attached as a node on the **LAN**
    . The async server software unit further includes a unit for setting
    one flag when a connection between the at least one modem and the
    selected **computer** attached as a node on the **LAN** is established.
        ADVANTAGE - Allows PC's on LAN to share modem resources for off-LAN
    communications and allows off-LAN PC's access to network resources
    without tying up any PC's on network.

Dwg.3/16
Title Terms: INTELLIGENCE; LOCAL; AREA; NETWORK; MODEM; NODE; COMBINATION;
  ATTRIBUTE; LAN; NODE; INTELLIGENCE; OPERATE; PERSON; COMPUTER; ONE; MORE;
  MODEM; CONSTRUCTION; DEDICATE; FASHION
Derwent Class: **T01** ; W01
International Patent Class (Main): H04L-012/28
International Patent Class (Additional): H04J-003/02; H04M-011/06
File Segment: EPI

 15/5/19   (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009887028   **Image available**
WPI Acc No: 1994-166943/199420
XRPX Acc No: N94-131488
 **Providing alternative operational control of host processor from
 work-station - involves selectively inputting operational control
  command in console window and exercising** control **over host processor
 from** remotely **located work-station**
Patent Assignee: UNISYS CORP (BURS)
Inventor: BARONE S T; FLADMOE G E; HEPBURN I R; VAVRA R D
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5315711   A   19940524 US 91786858   A   19911101 199420 B

Priority Applications (No Type Date): US 91786858 A 19911101
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5315711   A   48 G06F-015/02

Abstract (Basic): US 5315711 A
     The method involves controlling a number of host processors from
  either a single remote workstation or a plurality of remote
  workstations. The user interface and level of control at the remote
  workstation is identical to that which is available at the host
  processor operations console. Operator alerts appearing at the
  operations console are forwarded to the remote workstation for
  notifying the remote operator of alert conditions occurring at the
  operations console.
     A computer serving as the operation console for the host processor
  is coupled to a communications **network** . Upon operator initiation, a
  workstation , also connected to the **network** , sends a message to the
  console requesting that a console window be started. After the console
  window is started on the workstation, the operations console duplicates
  its user interface at the remote workstation and the host processor
  connected to the console can be controlled from the workstation. This
  operation can be repeated for multiple host processors.
     ADVANTAGE - Capable of operating host processor form several remote
  locations.
     Dwg.9/37
Title Terms: ALTERNATIVE; OPERATE; CONTROL; HOST; PROCESSOR; WORK; STATION;
  SELECT; INPUT; OPERATE; CONTROL; COMMAND; CONSOLE; WINDOW; EXERCISE;
  CONTROL; HOST; PROCESSOR; REMOTE; LOCATE; WORK; STATION
Derwent Class: **T01**
International Patent Class (Main): **G06F-015/02**
File Segment: EPI

 15/5/20   (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009769229   **Image available**
WPI Acc No: 1994-049080/199406
XRPX Acc No: N94-038554

Automatic control of airport signalling lights - provides complete system
for controlling airport ground traffic by individually controlling
airport lights through hierarchy of modules

Patent Assignee: CAZZANI U (CAZZ-I); PAVAROTTI R (PAVA-I); C.ED.I CENT
  ELETTRODISTRIBUZIONE IND (CEDI-N)
Inventor: CAZZANI U; PAVAROTTI R
Number of Countries: 029 Number of Patents: 011
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9402919	A1	19940203	WO 93EP1920	A	19930720	199406	B
AU 9345713	A	19940214	AU 9345713	A	19930720	199425	
			WO 93EP1920	A	19930720		
FI 9500291	A	19950123	WO 93EP1920	A	19930720	199516	
			FI 95291	A	19950123		
EP 651904	A1	19950510	EP 93915963	A	19930720	199523	
			WO 93EP1920	A	19930720		
IT 1256123	B	19951129	IT 92MI1773	A	19920722	199620	
JP 8500929	W	19960130	WO 93EP1920	A	19930720	199642	
			JP 94504157	A	19930720		
AU 673531	B	19961114	AU 9345713	A	19930720	199702	
EP 651904	B1	19970611	EP 93915963	A	19930720	199728	
			WO 93EP1920	A	19930720		
US 5644304	A	19970701	WO 93EP1920	A	19930720	199732	
			US 95373305	A	19950119		
DE 69311555	E	19970717	DE 611555	A	19930720	199734	
			EP 93915963	A	19930720		
			WO 93EP1920	A	19930720		
ES 2105294	T3	19971016	EP 93915963	A	19930720	199748	

Priority Applications (No Type Date): IT 92MI1773 A 19920722
Cited Patents: 02Jnl.Ref; EP 330164; JP 2033893; US 4449073; WO 9004242
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9402919	A1	E	48	G08C-005/00	

Designated States (National): AU BR CA FI HU JP KR NO NZ PL RU US
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
PT SE

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
AU 9345713	A			H05B-039/00	Based on patent WO 9402919
EP 651904	A1	E	48	G08G-005/00	Based on patent WO 9402919

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC
NL PT SE

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8500929	W		41	H05B-037/02	Based on patent WO 9402919
AU 673531	B			G08G-005/00	Previous Publ. patent AU 9345713
					Based on patent WO 9402919
EP 651904	B1	E	26	G08G-005/00	Based on patent WO 9402919

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC
NL PT SE

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5644304	A		21	B64F-001/18	Based on patent WO 9402919
DE 69311555	E			G08G-005/00	Based on patent EP 651904
					Based on patent WO 9402919
ES 2105294	T3			G08G-005/00	Based on patent EP 651904
FI 9500291	A			G08C-000/00	
IT 1256123	B			F21Q-000/00	

Abstract (Basic): WO 9402919 A
     The system includes a computer of a size and processing power
proportional to the size of the airport and the applied programs used,
which is connected by a full duplex transmission network to a number of
main stations (SP). Each main station contains several main modules.
The main modules are electronic devices which incorporate function
programs , **controlling** several **remote** modules (RM). The **remote**
modules are electronic devices with incorporated programs which check
and act on single airport lights (3).
     The control system is physically distinct from the work circuit
feeding the lights and galvanically separate from them. Lights may be
switched on and off individually.
     USE/ADVANTAGE - For airport signalling or lamps for road lighting.
Reliable system. Provides indication of working condition of lights.

Self-diagnostic system activates alarms if necessary.
        Dwg.1/14
Title Terms: AUTOMATIC; CONTROL; AIRPORT; SIGNAL; LIGHT; COMPLETE; SYSTEM;
   CONTROL; AIRPORT; GROUND; TRAFFIC; INDIVIDUAL; CONTROL; AIRPORT; LIGHT;
   THROUGH; HIERARCHY; MODULE
Derwent Class: Q25; Q71; **T01** ; W06; X26
International Patent Class (Main): B64F-001/18; F21Q-000/00; G08C-000/00;
   G08C-005/00; G08G-005/00; H05B-037/02; H05B-039/00
International Patent Class (Additional): G08B-005/00; G08G-005/06;
   H05B-039/04
File Segment: EPI; EngPI

 15/5/21   (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

009727911   **Image available**
WPI Acc No: 1994-007761/199401
XRPX Acc No: N94-006272
 **Distributed applications processing network - uses handle to call tasks
 running on remote computer from local task running on local computer**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: DUSCHER R; GARGYA T; KURTH G
Number of Countries: 018 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9325962	A1	19931223	WO 92EP1382	A	19920618	199401	B
CA 2098418	A	19931219	CA 2098418	A	19930615	199410	
EP 646260	A1	19950405	EP 92913203	A	19920618	199518	
			WO 92EP1382	A	19920618		
IL 105568	A	19960119	IL 105568	A	19930430	199616	
JP 8502841	W	19960326	WO 92EP1382	A	19920618	199644	
			JP 94501047	A	19920618		
US 5606493	A	19970225	WO 92EP1382	A	19920618	199714	
			US 95356394	A	19950113		
EP 646260	B1	19970528	EP 92913203	A	19920618	199726	
			WO 92EP1382	A	19920618		
DE 69220093	E	19970703	DE 620093	A	19920618	199732	
			EP 92913203	A	19920618		
			WO 92EP1382	A	19920618		
CA 2098418	C	19980901	CA 2098418	A	19930615	199845	

Priority Applications (No Type Date): WO 92EP1382 A 19920618
Cited Patents: 3.Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9325962	A1	E	42	G06F-009/46	

   Designated States (National): JP US
   Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU MC NL SE

EP 646260	A1	E	42	G06F-009/46	Based on patent WO 9325962

   Designated States (Regional): DE FR GB

JP 8502841	W		39	G06F-015/00	Based on patent WO 9325962
US 5606493	A		16	G05B-015/00	Based on patent WO 9325962
EP 646260	B1	E	21	G06F-009/46	Based on patent WO 9325962

   Designated States (Regional): DE FR GB

DE 69220093	E			G06F-009/46	Based on patent EP 646260
					Based on patent WO 9325962
CA 2098418	A			G06F-015/16	
IL 105568	A			G06F-009/46	
CA 2098418	C			G06F-015/16	

Abstract (Basic): WO 9325962 A
       A system is provided in which a local task (415) running on a local
   computer (400) can use a remote task (430) running on a remote computer
   (405). The local task establishes a conversation between a local data
   transmission agent (410) in the local computer and a remote data
   transmission agent (420) in the remote computer.

A handle is assigned to the conversation between the local computer and the remote computer. The local task uses the handle to call tasks running on the remote computer. Data is passed between the local task and the local data transmission agent by the use of a shared memory buffer.

ADVANTAGE - Provides an improved system for running tasks on one computer requested by tasks on another computer.

Dwg.4/10

Title Terms: DISTRIBUTE; APPLY; PROCESS; NETWORK; HANDLE; CALL; TASK; RUN; REMOTE; COMPUTER; LOCAL; TASK; RUN; LOCAL; COMPUTER

Index Terms/Additional Words: SNA; System; Network; Architecture

Derwent Class: **T01**

International Patent Class (Main): G05B-015/00; **G06F-009/46** ; **G06F-015/00** ; **G06F-015/16**

International Patent Class (Additional): **G06F-013/00** ; H01J-013/00

File Segment: EPI

15/5/22   (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

009098098
WPI Acc No: 1992-225530/199227
XRPX Acc No: N92-171378
 Terminal security aid for software - detects departure of work-station operator and invokes user configurable security reminders and/or system locks in response
Patent Assignee: ANONYMOUS (ANON)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
TP 69201	A	19920625	TP 9269201	A	19920620	199227	B

Priority Applications (No Type Date): TP 9269201 A 19920620
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
TP 69201	A			G06F	

Abstract (Basic): TP 69201 A
The system has three components: an operator sensor, a work station interface and a software support package. The latter runs on a background process on the protected work station collecting data from and controlling the operator sensor via the work station interface. One implementation of the operator sensor employs inexpensive ultrasonic ranging technology, similar to the type found in auto focus cameras and electronic tape measures, to locate the operator. In this implementation, the **software** obtains a baseline **distance** to the **operator** during keyboard use, then inhibits the ranging function.

When the keyboard becomes quiescent, the ranging function is reactivated and logic is executed to determine if the operator is vacating the work station. Once the process determines that the operator is departing, the user configurable security reminders and/or system locks may include: an audible tone to remind the operator to secure the system; invocation of a password protected keyboard lockup; a time-delayed log-off of host, **network** and application session or a simple but effective **work** **station** re-boot.

Title Terms: TERMINAL; SECURE; AID; SOFTWARE; DETECT; DEPART; WORK; STATION ; OPERATE; USER; CONFIGURATION; SECURE; SYSTEM; LOCK; RESPOND
Derwent Class: **T01**
International Patent Class (Main): **G06F-013/00**
File Segment: EPI

15/5/23   (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

008988905   **Image available**
WPI Acc No: 1992-116173/199215
XRPX Acc No: N92-086877
 BIOS loading appts. for personal computer system - loads basic I-O
 system from remote memory storage location where BIOSmaintained apart
 from LAN station
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: DAYAN R A; SACHSENMAI R; YEN S Y; SACHSENMAIER R
Number of Countries: 004 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 479427	A	19920408	EP 91307971	A	19910830	199215	B
US 5230052	A	19930720	US 90590749	A	19901001	199330	
EP 479427	A3	19920923	EP 91307971	A	19910830	199339	

Priority Applications (No Type Date): US 90590749 A 19901001
Cited Patents: No-SR.Pub; 1.Jnl.Ref; EP 358292
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 479427	A		12		

   Designated States (Regional): DE FR GB

US 5230052	A		11	G06F-013/10	

Abstract (Basic): EP 479427 A
        The computer appts. has a system processor (15), a non-volatile
    memory (21) and a volatile memory. The processor requires the loading
    of an interface program (BIOS) to control the movement of data into and
    out of the processor. The non-volatile memory has insufficient capacity
    to store the program but has executable code to execute energisation of
    the appts., the issuance of a request for transfer into the volatile
    memory of the **program** from a **remote** location and the transfer of
 control of the appts. to the interface code when loaded into the
    volatile memory.
        A link (41) establishes communication between the volatile memory
    (19) and the non-volatile storage of the remote computer and transfer
    of the interface code to the volatile memory.
        ADVANTAGE - Provides PC adapted for use as economical **work**
  station in local area **network** environment.
Title Terms: LOAD; APPARATUS; PERSON; COMPUTER; SYSTEM; LOAD; BASIC; I-O;
  SYSTEM; REMOTE; MEMORY; STORAGE; LOCATE; APART; LAN; STATION; MAINTAIN
Index Terms/Additional Words: LOCAL; AREA; **NETWORK** ; BASIC; INPUT; OUTPUT;
  SYSTEM
Derwent Class: R27; **T01**
International Patent Class (Main): **G06F-013/10**
International Patent Class (Additional): **G06F-009/44**
File Segment: EPI

 15/5/24   **(Item 24 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

008954369   **Image available**
WPI Acc No: 1992-081638/199211
XRPX Acc No: N92-061259
 Problem analysis of node computer - using third computer to control
 first program   remotely **obtain information relating to problem**
 correctable at first computer
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: DERR A G; POLIQUIN R J
Number of Countries: 004 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 474058	A	19920311	EP 91114144	A	19910821	199211	B
US 5179695	A	19930112	US 90578042	A	19900904	199305	
EP 474058	A3	19930421	EP 91114144	A	19910821	199401	

Priority Applications (No Type Date): US 90578042 A 19900904

Cited Patents: No-SR.Pub; 3.Jnl.Ref; EP 333620; FR 2575847; US 4654852
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 474058   A   27
   Designated States (Regional): DE FR GB
US 5179695   A   16 G06F-011/00

Abstract (Basic): EP 474058 A
     The **network** comprises a first program which runs on a second
  computer and analyses a problem with the first computer. A second
  program also runs on the second computer and generates an alert for
  transmission to the third computer. The alert includes a probable cause
  category encompassing the problem and a recommendation. The
  recommendation is to contact a service engineer if the problem requires
  expertise or resources of the service engineer to connect.
     A third **program** **runs** on the third computer and **remotely**
  controls the first **program** to obtain the additional information
  relating to the cause of the problem if there is a reasonable chance
  that the problem can be connected by a person at the first computer.
     ADVANTAGE- Permits operator at central site to have full benefit
  of resources at mode to solve problem.
     Dwg. 1/5
Title Terms: PROBLEM; ANALYSE; NODE; COMPUTER; THIRD; COMPUTER; CONTROL;
  FIRST; PROGRAM; REMOTE; OBTAIN; INFORMATION; RELATED; PROBLEM; CORRECT;
  FIRST; COMPUTER
Derwent Class: R27; **T01**
International Patent Class (Main): **G06F-011/00**
File Segment: EPI

15/5/25   (Item 25 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008939220   **Image available**
WPI Acc No: 1992-066489/199209
XRPX Acc No: N92-049932
Class data base for use in data processing network - has entry containing
reference to invocation command, message information specifying class
instance operation and identifiable class data
Patent Assignee: DIGITAL EQUIP CORP (DIGI)
Inventor: EWALD A N; RENZULLO M J; WILSON A P; JACOBSON N F; TRAVIS R L
Number of Countries: 008 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 472279	A	19920226	EP 91306172	A	19910708	199209	B
CA 2049133	A	19920215				199218	
AU 9179309	A	19920514	AU 9179309	A	19910626	199228	
AU 638138	B	19930617	AU 9179309	A	19910626	199330	
EP 472279	A3	19930113	EP 91306172	A	19910708	199346	
US 5280610	A	19940118	US 90567298	A	19900814	199404	
EP 472279	B1	19950816	EP 91306172	A	19910708	199537	
DE 69112156	E	19950921	DE 612156	A	19910708	199543	
			EP 91306172	A	19910708		
CA 2049133	C	19980825	CA 2049133	A	19910813	199845	

Priority Applications (No Type Date): US 90567298 A 19900814
Cited Patents: NoSR.Pub; 5.Jnl.Ref; EP 471442; EP 474339; EP 474340
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
EP 472279   A   65
   Designated States (Regional): DE FR GB IT NL
AU 638138   B   Previous Publ. patent AU 9179309
EP 472279   A3   65
US 5280610   A   40 G06F-015/40
EP 472279   B1 E   46 G06F-009/44
   Designated States (Regional): DE FR GB IT NL
DE 69112156   E   G06F-009/44   Based on patent EP 472279

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AU 9179309    A        G06F-015/40
CA 2049133    C        G06F-009/44
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Abstract (Basic): EP 472279 A

The data base includes method entries each of which contains a
reference to a corresponding invocation command to invoke one of the
applications and message entries which contain information for a number
of messages each of which specifies the types of operations which can
be performed on instances in the corresponding class. The database also
includes class entries each of which contains information for a
different, uniquely-identifiable class and an identification of a
corresponding group of the message entries.
    Each of the message entries contains a corresponding group of the
method entries.
    USE/ADVANTAGE - Reduced resource requirement and enhanced
flexibility. Remote invocation of application is efficient and simple.
    Dwg.1/18
Title Terms: CLASS; DATA; BASE; DATA; PROCESS; NETWORK; ENTER; CONTAIN;
  REFERENCE; COMMAND; MESSAGE; INFORMATION; SPECIFIED; CLASS; INSTANCE;
  OPERATE; IDENTIFY; CLASS; DATA
Derwent Class: **T01**
International Patent Class (Main): **G06F-009/44 ; G06F-015/40**
International Patent Class (Additional): **G06F-012/00**
File Segment: EPI

 15/5/26   (Item 26 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008569681   **Image available**
WPI Acc No: 1991-073716/199110
XRPX Acc No: N91-056979
   Work   station **and data processing** network - **involves local and
remote** applications **with surrogate** application   run **on work station
when** remote   application **is selected**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: HALLIWELL H
Number of Countries: 013¨ Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9102305	A	19910221				199110	B
EP 437441	A	19910724	EP 89909034	A	19890803	199130	
JP 3504173	W	19910912	JP 89508495	A	19890803	199143	
US 5276883	A	19940104	WO 89GB883	A	19890803	199402	
			US 91678296	A	19910402		
EP 437441	B1	19970618	EP 89909034	A	19890803	199729	
			WO 89GB883	A	19890803		
DE 68928136	E	19970724	DE 628136	A	19890803	199735	
			EP 89909034	A	19890803		
			WO 89GB883	A	19890803		
SG 46199	A1	19980220	SG 96473	A	19890803	199821	N

Priority Applications (No Type Date): WO 89GB883 A 19890803; SG 96473 A
  19890803
Cited Patents: 3.Jnl.Ref; EP 273248
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9102305	A		9		

    Designated States (National): JP US
    Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

EP 437441	A				

    Designated States (Regional): DE FR GB

US 5276883	A		7	G06F-009/44	Based on patent WO 9102305
EP 437441	B1 E	29		G06F-003/033	Based on patent WO 9102305

    Designated States (Regional): DE FR GB

DE 68928136	E			G06F-003/033	Based on patent EP 437441
					Based on patent WO 9102305

SG 46199   A1   G06F-003/033

Abstract (Basic): WO 9102305 A
        The work station (2) has a local processor for running local
    applications and a communication link (4) to link the work station (2)
    to at least one remote processor. The work station (2) has an
    application selection mode that displays both local and remote
    applications simultaneously.
        A remote application may be selection from the work station (2)
    which causes a surrogate application (14) to run on the local
    processor. The surrogate application (14) establishes communication
    with the remote processor via the communication link (4). The **remote
    application** manager (22) **runs** the approp. mainframe **application**
    (20). Data flow is maintained directly across the communications link
    (4) without further need of the surrogate application (14).
        USE/ADVANTAGE - In **work** **station** and remote **computers** with
    data processing **networks** . Provides a simple to use system where the
    user does not need to be aware of whether an **application** is **run**
    locally or **remotely** . Both local and remote **applications** are
    selected from a single application selection mode.
        Dwg.3/3
Title Terms: WORK; STATION; DATA; PROCESS; NETWORK; LOCAL; REMOTE; APPLY;
   SURROGATE; APPLY; RUN; WORK; STATION; REMOTE; APPLY; SELECT
Derwent Class: **T01** ; W01
International Patent Class (Main): **G06F-003/033** ; **G06F-009/44**
International Patent Class (Additional): **G06F-003/03** ; **G06F-013/00** ;
 G06F-015/16
File Segment: EPI

 15/5/27   (Item 27 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008463377   **Image available**
WPI Acc No: 1990-350377/199047
XRPX Acc No: N90-267637
 **Remote execution of database transactions by PC's - links PC without
 direct access storage to PC with direct access storage, using network and
 communications software**
Patent Assignee: IBM CORP (IBMC)
Inventor: COPENHAVER D; HORN G R; JEFFRIES L M
Number of Countries: 003 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 398641	A	19901122	EP 90305214	A	19900515	199047	B
EP 398641	A3	19921230	EP 90305214	A	19900515	199345	

Priority Applications (No Type Date): US 89352079 A 19890515
Cited Patents: NoSR.Pub; 2.Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 398641	A				

   Designated States (Regional): DE FR GB
Abstract (Basic): EP 398641 A
        At least one personal computer without a direct access storage
    device is linked to a personal computer having a direct access storage
    device (28) and access to a selected database. **Network** and
    communications software installed on the personal **computer** has
    direction access storage devices and is then utilised to remotely
    access storage devices which is linked thereto.$ Next, a single copy of
    database server software code is installed on the personal computer
    having direct access storage devices and a catalog is created and
    stored which identifies selected personal computers without direct
    access storage devices which may access the database server software
    code. File redirection is then utilised to permit selected personal
    computers without direct access storage devices to **remotely** **execute**
    the database server **software** code so that database transactions may

be remotely executed.$ USE/ADVANTAGE - The method and data processing
network permits the remote execution of database transactions by one or
more personal computers without a direct access storage device (30).
      Dwg.3/3
Title Terms: REMOTE; EXECUTE; DATABASE; TRANSACTION; LINK; DIRECT; ACCESS;
   STORAGE; DIRECT; ACCESS; STORAGE; NETWORK; COMMUNICATE; SOFTWARE
Derwent Class: **T01**
International Patent Class (Additional): **G06F-015/40**
File Segment: EPI

 15/5/28   (Item 28 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008463376   **Image available**
WPI Acc No: 1990-350376/199047
XRPX Acc No: N90-267636
 Remote application interface for computer   network **- provides user
 interface on local node and** application **to be** run **on** remote **node**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC   )
Inventor: DEVANY E P; GARRISON J R; JACOBS D C; JORDAN L E
Number of Countries: 004 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 398640	A	19901122	EP 90305213	A	19900515	199047	B
US 5179660	A	19930112	US 89352082	A	19890515	199305	
EP 398640	A3	19921230	EP 90305213	A	19900515	199345	
EP 398640	B1	19970423	EP 90305213	A	19900515	199721	
DE 69030524	E	19970528	DE 630524	A	19900515	199727	
			EP 90305213	A	19900515		

Priority Applications (No Type Date): US 89352082 A 19890515
Cited Patents: NoSR.Pub; 3.Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 398640	A				
Designated States (Regional): DE FR GB					
US 5179660	A		8	G06F-013/14	
EP 398640	B1	E	10	G06F-017/30	
Designated States (Regional): DE FR GB					
DE 69030524	E			G06F-017/30	Based on patent EP 398640

Abstract (Basic): EP 398640, A
      The system provides a user interface (10) on a local node and an
   application (34) to be **run** on a **remote** node. An **application** (14,
   30) accepts input from the user and translates it to appropriate
   commands for the remote application and is divided, and located
   partially on the local node and partially on the remote node.
      That portion located on the local node (14) gathers any information
   required from the user and transmits it to the portion located on the
   remote node (30) in a single package. The remote location portion uses
   the transmitted information to interface with the remote application
   and obtain results. The results are collected and transmitted to the
   local portion, from which they are returned to the user.
      USE - For use on a **computer**   **network** . (10pp Dwg.No.1/4)
Title Terms: REMOTE; APPLY; INTERFACE; COMPUTER; NETWORK; USER; INTERFACE;
   LOCAL; NODE; APPLY; RUN; REMOTE; NODE
Derwent Class: **T01**
International Patent Class (Main): **G06F-013/14** ; **G06F-017/30**
International Patent Class (Additional): **G06F-015/40**
File Segment: EPI

 15/5/29   (Item 29 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008381109   **Image available**
WPI Acc No: 1990-268110/199035
XRPX Acc No: N90-207465
 System for shared remote access of multiple application programs - server
   computer provides on LAN one or more videograms representing all
 video data in memory of computer
Patent Assignee: CARO M A (CARO-I)
Inventor: CARO M A
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4949248	A	19900814	US 88220024	A	19880715	199035	B

Priority Applications (No Type Date): US 88220024 A 19880715

Abstract (Basic): US 4949248 A
        A local area network based system for shared **remote** access or
   control of **applications   programs** in one or more computers by one
     or more other components is provided having particular utility for
     trading rooms of securities firms, where each operator position is
     permitted the capability to access any of a number of information
     services. Information services each of which communicates with a
     personal-computer-based video source running an applications program
     specific to that information service, are represented on a local-area
     network as nodes called servers. Each server runs the application
     program, unmodified, together with other terminate-and-stay resident
     software which periodically broadcasts a video message, the content of
     which is the change of the application program display screen contents
     since the time of the last broadcast.
        The sender of the broadcast does nota watch for the
     acknowledgements from recipients, which are other nodes on the **network**
      called **clients** , nor does the sender maintain a list of intended
     recipients recipients. If a recipient misses a video message broadcast,
     it may request that the sender broadcast the contents of the entire
     display screen contents.
        ADVANTAGE - Can accommodate wide variety of disparate computers.
      Dwg.3/3
Title Terms: SYSTEM; SHARE; REMOTE; ACCESS; MULTIPLE; APPLY; PROGRAM; SERVE
 ; COMPUTER; LAN; ONE; MORE; REPRESENT; VIDEO; DATA; MEMORY; COMPUTER
Derwent Class: **T01** ; W01
International Patent Class (Additional): **G06F-013/00**
File Segment: EPI

 15/5/30   (Item 30 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008236780   **Image available**
WPI Acc No: 1990-123781/199016
XRPX Acc No: N90-095980
 Remote traffic intersection controller monitoring - communicating in both
 directions with central computer via public telephone network when
 events or malfunctions are detected
Patent Assignee: ECONOLITE CONTROL PROD INC (ECON-N); ECONOLITE CONTROL
   (ECON-N)
Inventor: DUNCAN G; MICHAEL J; ZWICKY H
Number of Countries: 002   Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4907160	A	19900306	US 88206905	A	19880610	199016	B
CA 1298898	C	19920414	CA 526961	A	19870108	199224	

Priority Applications (No Type Date): US 86817480 A 19860109; US 88206905 A
   19880610
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 1298898	C			G06F-015/48	

Abstract (Basic): US 4907160 A
    A central computer is connected through the public telephone system
    to intersection monitors, one of which is located at each remote
    intersection. The remote intersection monitor supervises the operation
    of the intersection controllers and related equipment and, upon
    detecting the malfunctions of a preselected priority, reports such
    malfunctions by placing calls through the public telephone system to
    the central computer.
    The central computer, by placing a call on the telephone system,
    also interrogates each of the **remote** intersection monitors and
    transfers **operating   instructions** to each monitor. Vehicle and
    pedestrain detectors also are monitored by each remote intersection
    monitor and unusual activity or inactivity such detectors is reported
    by the remote intersection monitor to the central computer.
    ADVANTAGE - Dedicated communication system is not required.
    Dwg.1/33
Title Terms: REMOTE; TRAFFIC; INTERSECT; CONTROL; MONITOR; COMMUNICATE;
  DIRECTION; CENTRAL; COMPUTER; PUBLIC; TELEPHONE; NETWORK; EVENT;
  MALFUNCTION; DETECT
Derwent Class: T07
International Patent Class (Main): G06F-015/48
File Segment: EPI

 15/5/31   (Item 31 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008076059   **Image available**
WPI Acc No: 1989-341171/198947
XRPX Acc No: N89-259809
    Network   terminal **driver communication subsystem - includes
 applications software,** network   terminal **driver and service provider
 controlling data**
Patent Assignee: BULL HN INFORMATION SYSTEMS INC (HONE)
Inventor: BAILEY C R M; MANDILE J R; PETERS D G; STONIER J W
Number of Countries: 007 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 342320	A	19891123	EP 89103644	A	19890302	198947	B
AU 8931603	A	19891123				199011	
US 4951245	A	19900821	US 88196597	A	19880520	199036	
EP 342320	A3	19920520	EP 89103644	A	19890302	199331	
CA 1325483	C	19931221	CA 598149	A	19890428	199406	
EP 342320	B1	19950118	EP 89103644	A	19890302	199507	
DE 68920628	E	19950302	DE 620628	A	19890302	199514	
			EP 89103644	A	19890302		

Priority Applications (No Type Date): US 88196597 A 19880520
Cited Patents: No-SR.Pub; 1.Jnl.Ref; EP 118037; EP 336547
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 342320	A	E	21		
Designated States (Regional): DE FR GB IT					
EP 342320	B1	E	22	G06F-009/46	
Designated States (Regional): DE FR GB IT					
DE 68920628	E			G06F-009/46	Based on patent EP 342320
CA 1325483	C			G06F-009/46	

Abstract (Basic): EP 342320 A
    A **network   terminal** driver subsystem which includes applications
    software, the actual **network   terminal** driver and a lower layer
    service provider. The software initiates actions to cause the
    communications subsystem to perform specific functions to accomplish a
    specified job. The subsystem includes the **terminals** , printers and
    users. The **network   terminal** driver includes application modules,
    provider modules and device profiles, all with a number of common
    kernels.

The application modules interface with their applications software
to support the various modes of operation. The kernel includes a number
of common components which interact with the application modules, the
provider modules and the device profiles to execute the application
software requests. The kernels take the requests and process them to
give second requests and these are processed by the application modules
and kernels to give third requests.
ADVANTAGE - Easy to modify for different applications. (21pp
Dwg.No.2/5
Title Terms: NETWORK; TERMINAL; DRIVE; COMMUNICATE; SUBSYSTEM; APPLY;
SOFTWARE; NETWORK; TERMINAL; DRIVE; SERVICE; CONTROL; DATA
Derwent Class: T01
International Patent Class (Main): G06F-009/46
International Patent Class (Additional): G06F-003/00 ; G06F-013/10 ;
G06F-015/16
File Segment: EPI

15/5/32   (Item 32 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007928667
WPI Acc No: 1989-193779/198927
XRPX Acc No: N89-148218
**Control system for machine at remote place - sends contents of program
change to computer at main station from remote station**
Patent Assignee: MURATA KIKAI KK (MURK)
Inventor: AKIYAMA Y
Number of Countries: 004   Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 3842467	A	19890629	DE 3842467	A	19881216	198927	B
JP 1160158	A	19890623	JP 87317478	A	19871217	198931	
US 5012402	A	19910430	US 88285508	A	19881216	199119	
IT 1224818	B	19901024	IT 8848658	A	19881215	199223	
DE 3842467	C	19920611	DE 3842467	A	19881216	199224	

Priority Applications (No Type Date): JP 87317478 A 19871217
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3842467	A		4		
DE 3842467	C		4	H04M-011/06	
IT 1224818	B			G01S	

Abstract (Basic): DE 3842467 A
When repairs need doing and/or a mechanical part needs replacing at
the remote station and in the case of a change in a program for a
control device to operate and control the device, the contents of the
change in the executed program are sent to a **computer** at a main
station via the public switched telephone **network** and there checked
and/or changed at the main station so that a correct program is
obtained. The correct **program** is sent to the **control** device at the
remote station via the public switched telephone network and entered
into the control device.
1/1
Title Terms: CONTROL; SYSTEM; MACHINE; REMOTE; PLACE; SEND; CONTENT;
PROGRAM; CHANGE; COMPUTER; MAIN; STATION; REMOTE; STATION
Derwent Class: T06; W01; W05
International Patent Class (Main): G01S-011/00; H04M-011/06
International Patent Class (Additional): G05B-015/02; G05B-019/02;
G05B-023/02; **G06F-015/46** ; H04Q-009/08
File Segment: EPI

15/5/33   (Item 33 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007396212   **Image available**
WPI Acc No: 1988-030147/198805
XRPX Acc No: N88-022567
 **Multiple CPU program management method for networking - comparing
 remote computer request with program matrix and list of currently running
 programs and accessed data files to grant access**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: CROSSLEY J F
Number of Countries: 006   Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 254854	A	19880203	EP 87108645	A	19870616	198805	B
BR 8703308	A	19880315				198816	
US 4780821	A	19881025	US 86890389	A	19860729	198845	
EP 254854	B1	19940302	EP 87108645	A	19870616	199409	
DE 3789175	G	19940407	DE 3789175	A	19870616	199415	
			EP 87108645	A	19870616		

Priority Applications (No Type Date): US 86890389 A 19860729
Cited Patents: 2.Jnl.Ref; A3...9019; EP 136666; GB 2062914; No-SR.Pub
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 254854	A	E	20		

   Designated States (Regional): DE FR GB IT

US 4780821	A		18		
EP 254854	B1	E	20	G06F-009/46	

   Designated States (Regional): DE FR GB IT

DE 3789175	G			G06F-009/46	Based on patent EP 254854

Abstract (Basic): EP 254854 A
     The multi-program management method comprises the steps of
 converting a data management request originating at the server computer
 or one of the remote computers into a file shaving and record locking
 protocol request message. This message is then transmitted to the
 server computer which determines whether the request message is to be
 granted. A program matrix is established with entries indicating
 whether a program can be run while another program or group of programs
 are being run on the network.
     A list of programs is maintained which are currently being run on
 the network and data files currently being accessed or otherwise not
 available for access. The program matrix and list are then checked to
 see if the request message poses a conflict with a currently running
 program.
     ADVANTAGE - Allows program transfer without re-writing source
 code.
Title Terms: MULTIPLE; CPU; PROGRAM; MANAGEMENT; METHOD; COMPARE; REMOTE;
 COMPUTER; REQUEST; PROGRAM; MATRIX; LIST; CURRENT; RUN; PROGRAM; ACCESS;
 DATA; FILE; ACCESS
Derwent Class: **T01**
International Patent Class (Main): **G06F-009/46**
International Patent Class (Additional): **G06F-009/44 ; G06F-013/42 ;
 G06F-015/16**
File Segment: EPI

 15/5/34   (Item 34 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007095387
WPI Acc No: 1987-095384/198714
XRPX Acc No: N87-071681
 **Communication control apparatus for computer   network - allows
 versions of control program to be transferred to local station if the one
 in remote station is different**
Patent Assignee: TOSHIBA KK (TOKE)
Inventor: TAMARU K

Number of Countries: 005 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 217351	A	19870408	EP 86113403	A	19860930	198714	B
JP 62076954	A	19870409	JP 85216840	A	19850930	198720	
US 4788637	A	19881129	US 86912516	A	19860929	198850	
EP 217351	B	19911121				199147	
DE 3682558	G	19920102				199202	

Priority Applications (No Type Date): JP 85216840 A 19850930
Cited Patents: A3...8923; EP 73698; No-SR.Pub; WO 8301847
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 217351	A	E	13		

    Designated States (Regional): DE FR GB

US 4788637	A		9		
EP 217351	B				

    Designated States (Regional): DE FR GB

Abstract (Basic): EP 217351 A
        The communication control apparatus comprises a rewritable storage
    unit in which a communication program is stored. A comparison unit
    determines whether or not a version number of communication control
    program in a packet accepted by the transmit-receive circuit is newer
    than that of the communication control program stored in the storage
    unit.
        A controller performs communication between the local station and a
    remote station using a communication **control** **program** of the
    latest version compatible on the basis of an output of the comparison
    unit.
        ADVANTAGE - Permits good communication even when new station with
    new version of communication control program is added.
        1/9
Title Terms: COMMUNICATE; CONTROL; APPARATUS; COMPUTER; NETWORK; ALLOW;
  VERSION; CONTROL; PROGRAM; TRANSFER; LOCAL; STATION; ONE; REMOTE; STATION
Derwent Class: **T01**
International Patent Class (Additional): **G06F-009/06 ; G06F-013/42 ;**
 G06F-015/16 ; H04J-003/24; H04L-013/00
File Segment: EPI

 15/5/35   (Item 35 from file: 347)
DIALOG(R)File 347:JAPIO
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05412140   **Image available**
DISTRIBUTED SYSTEM CONSTRUCTION METHOD

PUB. NO.:   09-026940 [JP 9026940 A]
PUBLISHED: January 28, 1997 (19970128)
INVENTOR(s):   IMAI ISAO
               NAKAKAWAJI TETSUO
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or
               Corporation), JP (Japan)
APPL. NO.:   07-174850 [JP 95174850]
FILED: July 11, 1995 (19950711)
INTL CLASS: [6] **G06F-015/16 ; G06F-015/163**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT
PROBLEM TO BE SOLVED: To provide a method for performing system generation
and fault recovery with consistency in a distributed system for performing
execution among plural **computer** systems connected on a **network** .

SOLUTION: This system is constituted of a means 107 for checking the
consistency of definition information among plural systems, the means 902
for generating an activation command string for activating processes
distributed in the plural systems altogether, the means 903 for instructing

process **activation** to a **remote** system based on the **activation**
 command string, the means for confirming the operations of the processes
of the respective systems, the means for checking process operation
conditions after a fault on a remote system, the means for generating a
recovery command string for stopping a remaining process and reactivating
the process and the means for instructing the stoppage and the reactivation
of the process based on the command string.

 15/5/36   (Item 36 from file: 347)
DIALOG(R)File 347:JAPIO
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05182268   **Image available**
REMOTE DISTRIBUTION MANAGEMENT NETWORK SYSTEM

PUB. NO.:   08-137768 [JP 8137768 A]
PUBLISHED: May 31, 1996 (19960531)
INVENTOR(s):   FUJISHIRO TAKAHIRO
               TEZUKA SATORU
               TAKENOUCHI HIROO
               SAKON MASAMI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   06-277397 [JP 94277397]
FILED: November 11, 1994 (19941111)
INTL CLASS: [6] **G06F-013/00** ; **G06F-013/00** ; **G06F-009/445**
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.1
               (INFORMATION PROCESSING -- Arithmetic Sequence Units)

ABSTRACT
PURPOSE: To manage the license of software from a remote place in addition
to management work at the time of **operating software** from a **remote**
place by connecting a remote device issuing the distribution instruction of
software against a **client** device to a file server device with a **network**
 system.

CONSTITUTION: The distribution of software which is stored in a storage
device as a software management data base 104 and which exists in the file
server device 102 based on the content of the software management data base
104 is indicated to respective devices. The distribution situation of
software to the respective client devices 105 is recognized from a
distribution management device. The respective client devices 105 and the
file server device 102 are connected to the network system through a
 network cable 107. The distribution instruction of software against the
respective **client** devices 105 is issued from the remote device 101 to the
file server device 102 so as to manage the licence.

 15/5/37   (Item 37 from file: 347)
DIALOG(R)File 347:JAPIO
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05089085   **Image available**
COMPUTER CONTROL SYSTEM

PUB. NO.:   08-044585 [JP 8044585 A]
PUBLISHED: February 16, 1996 (19960216)
INVENTOR(s):   UN KUII CHII
               NAKABASHI AKIBUMI
               KOBAYASHI HIROSHI
               NISHIYAMA SHUJI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
               (Japan)
               HITACHI PROCESS COMPUT ENG INC [485525] (A Japanese Company
               or Corporation), JP (Japan)
APPL. NO.:   06-176431 [JP 94176431]
FILED: July 28, 1994 (19940728)

INTL CLASS: [6] G06F-011/22
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)

ABSTRACT
PURPOSE: To restore a computer in a remote place from the fault due to
runaway or a program by operating the program or the **computer** connected
to a **network** in the level according with the degree of urgency of the
start.

CONSTITUTION: When a command is started from a terminal 1-2 in urgent
operation procedures, command processing procedures are started from the
command acceptance waiting state and perform the processing corresponding
to the inputted command. When an operation mode switching request is issued
from the terminal 1-2, the processing starts a mode switching means 2-1 and
transfers the **operation** mode classification. When the **remote command**
is started, the processing starts a remote command transmission means 5-1
and transfers the command name and the command parameter of the remote
command. In the other cases, a command in a local computer is started.
After the end of execution, the execution result is received and is
displayed on the terminal 1-2.

 15/5/38   (Item 38 from file: 347)
DIALOG(R)File 347:JAPIO
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04933124   **Image available**
SYSTEM AND METHOD FOR **REMOTELY** AND AUTOMATICALLY **UPDATING   SOFTWARE**

PUB. NO.:   07-225724 [JP 7225724 A]
PUBLISHED: August 22, 1995 (19950822)
INVENTOR(s):   TAKADA HIROSHI
APPLICANT(s):   FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   06-014710 [JP 9414710]
FILED: February 08, 1994 (19940208)
INTL CLASS: [6] **G06F-013/00** ; **G06F-009/06** ; **G06F-009/445**
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.1
                (INFORMATION PROCESSING -- Arithmetic Sequence Units)

ABSTRACT
PURPOSE: To speedily and suitably distribute and present software, which is
prepared and updated by software presenter, to a lot of software users.

CONSTITUTION: When object softwares 1a of user computers 1-1 to 1-n are
activated, it is detected by a client program 1b, and the information of
the present edition is referred to a server program 3a of a presenter's
computer 3 through a **network** 2. When the server program 3a receives the
information, it is compared with the configuration of a software library
3b, and the updating instruction information the object software 1a and an
updated edition software are returned. While using the information, the
client program 1b automatically updates the object software 1a into the
latest edition. On the other hand, this system can be also provided with a
function for activating the client program 1b at a set time or
automatically transmitting the fault/bugging information of the object
software to the client program 1b.

 15/5/39   (Item 39 from file: 347)
DIALOG(R)File 347:JAPIO
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04693341   **Image available**
 REMOTE   APPLICATION   EXECUTING SYSTEM

PUB. NO.:   07-013941 [JP 7013941 A]
PUBLISHED: January 17, 1995 (19950117)
INVENTOR(s):   KAGAWA KOICHI

APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
              (Japan)
APPL. NO.:   05-158366 [JP 93158366]
FILED: June 29, 1993 (19930629)
INTL CLASS: [6] G06F-015/16 ; G06F-015/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

                              ABSTRACT
PURPOSE: To reduce the application information quantity of another computer
and application information exchange quantity with another computer,
included in the respective computers on a net work.

CONSTITUTION: This system is configured in such a way that, when the
execution request of an application on another computer is issued from the
applications AP(sub 11) and AP(sub 12) or a termina equipment 5 which are
operated in the computer 1, an application information control part 11
checks whether the application information of the application which is
indicated by the request exists or not on a cache 12, transmits the
execution request of the application to another computer via the network
4 based on application information on the cache 12 when it exists and
executes the down-load of the application information from another computer
so as to update the cache 12 when not exist and transmits the execution
request of the application to another computer based on the application
information.

  15/5/40   (Item 40 from file: 347)
DIALOG(R)File 347:JAPIO
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04332808   **Image available**
NETWORK SYSTEM

PUB. NO.:   05-324508 [JP 5324508 A]
PUBLISHED: December 07, 1993 (19931207)
INVENTOR(s): ABE HITOSHI
             YAMASHITA ICHIRO
APPLICANT(s): FUJI XEROX CO LTD [359761] (A Japanese Company or
             Corporation), JP (Japan)
APPL. NO.:   02-400490 [JP 90400490]
FILED: December 05, 1990 (19901205)
INTL CLASS: [5] G06F-013/00 ; G06F-015/40
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4
             (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1709, Vol. 18, No. 153, Pg. 102,
             March 14, 1994 (19940314)

                              ABSTRACT
PURPOSE: To extend the object of software to be executed to all of work
stations by automatically retrieving a software execution form file from
each of work stations connected to a network to execute it.

CONSTITUTION: Work stations A to C connected to a network 20 have
local disks, and display devices, mouses, etc., are connected to them. When
command execution is requested, a command is searched in the search path in
the local work station. If it is not found there, a broadcast packet for
search is transmitted to the whole of the network. When its existence in
the network is found by return of the response, a machine holding this
command is caused to execute the command by remote execution . If
it is not found, the processing is terminated as 'command not found'.

  15/5/41   (Item 41 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

04218807   **Image available**
REMOTE MAINTENANCE SYSTEM OF MULTI-HOST SYSTEM

ABSTRACT

PURPOSE: To control and maintain the registered software of a work station
of the multi-host system by decentralizing it, transaction by transaction.

CONSTITUTION: The multi-host system is provided with plural host computers
40 and the **remote** maintenance system 20 which **controls** and maintains
the **software** of **work**   **stations**   43 operating while connected by a
network with version matching commands from the host **computers** 40.
Further, the system is provided with a host address table 51 wherein the
addresses of the host **computers** 40 in the **network** are recorded and a
matching starting function 52 which requests the host computers 40 to issue
the version matching commands in order according to the host address table
51, thereby controlling and maintaining the software of the work stations
connected to the host computers.

15/5/42   **(Item 42 from file: 347)**
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

03957259   **Image available**
PROGRAM   REMOTE   EXECUTION SYSTEM

ABSTRACT

PURPOSE: To execute a program even on a computer which has not required
resources by eliminating a need to preliminarily transfer a required file
to the execution computer.

CONSTITUTION: A request source computer 1, an execution computer 2, and a
resource holding **computer** 3 are connected by a local area **network** 4,
and a program storage file 5 and a required resource primary storage area 6
are connected to the execution computer 2, and a resource 7 required for
program execution like a data file or a library exists in the resource
holding computer 3. The resource like a data file, a program file, or a
subroutine library required for program execution is transferred to the
execution computer after reception of the request of remote execution, and
remote execution is performed.

15/5/43   **(Item 43 from file: 347)**
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

03878328   **Image available**
AUTOMATIC REMOTE   CONTROL   SOFTWARE MAINTENANCE SYSTEM

ABSTRACT
PURPOSE: To perform software maintenance without requiring special
attention of a terminal operator even in the remote   control software
maintenance of terminal   software for a large scale on line system.
CONSTITUTION: The system consists of a keyboard 1 inputting a host
connection request from the terminal operator, a screen display part 2
displaying the contents of the input, a terminal controller 11 which
incorporates a host connection control part 3 connecting the terminal
controller 11 with a host computer 12, a software maintenance control part
4 receiving and storing the software and a software storage part 5 storing
the   software, and the host computer which incorporates a terminal
connection control part 6 controlling the connection with the terminal
 controller   11, a remote   software maintenance control   part 7
managing the software   storage part 5, and a software and management table
storage part 8 storing the current software and its state.

 15/5/44   (Item 44 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

03543645   **Image available**
COMPUTER SYSTEM

ABSTRACT
PURPOSE: To reduce the erroneous selection of an execution computer by
deciding this execution computer based on the information on the resources
given from a group of resources holding computers after the remote
 execution   of a program   is accepted by a requester computer and
requesting the execution computer to perform the remote   execution of
the program .

CONSTITUTION: A requester computer 1 is provided together with the
resources holding computers 2 and 3, and a local area network 4 which
secures the connection between the computer 1 and the computers 2 and 3
respectively. The computer 1 accepts a remote   execution request of a
 program via a request acceptance means 11 and inquires the information on
the resources of the groups 2 and 3. Thus the computer 1 decides a working
computer based on the acquired information and asks the decided computer to

perform the **remote** **execution** of the **program** . Thus it is possible to reduce the erroneous selection of the execution computer and to prevent the increase of the turn-around time.

15/5/45   (Item 45 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

03467957   **Image available**
PROCESSING SYSTEM **REMOTE**   **CONTROL**   OF **PROGRAM**

PUB. NO.:   03-130857 [JP 3130857 A]
PUBLISHED: June 04, 1991 (19910604)
INVENTOR(s):   RYU TADAMITSU
                GAMO MINEO
                KURODA HIROAKI
                TANIDA TOSHITSUGU
                WATANABE HISAKI
APPLICANT(s):   FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   01-270049 [JP 89270049]
FILED: October 17, 1989 (19891017)
INTL CLASS: [5] G06F-013/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1246, Vol. 15, No. 347, Pg. 38,
                September 03, 1991 (19910903)

ABSTRACT
PURPOSE: To reduce the load of each terminal and to effectively secure the resources and protect the secrecy by completing the open program information via a network controller and at the same time checking the competency of a user.

CONSTITUTION: A network controller 3 has at least a function to control the open program information and a function to check the competency of the terminals 1A and 1B which have accesses to an open program. Then the controller 3 is linked to a communication **network** 2, and the **terminals** 1A and 1B to have accesses to the open program are introduced to the controller 3. Thus it is possible to control the information on the programs opened by the terminals 1A and 1B and to facilitate the check of the competency of both terminals 1A and 1B which have accesses to an open program.

15/5/46   (Item 46 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

02974259   **Image available**
NETWORK OPERATING SYSTEM

PUB. NO.:   01-271859 [JP 1271859 A]
PUBLISHED: October 30, 1989 (19891030)
INVENTOR(s):   UCHIDA AKIRA
APPLICANT(s):   NEC CORP [000423] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   63-100838 [JP 88100838]
FILED: April 22, 1988 (19880422)
INTL CLASS: [4] G06F-013/00 ; G06F-015/16
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4
                (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 994, Vol. 14, No. 35, Pg. 134,
                January 23, 1990 (19900123)

ABSTRACT
PURPOSE: To set up a data link with no production of systems and no change of a transaction program by displaying a list of designated information on

the electronic computer systems of the remote side for communication of
data and making a user select those information out of the list.

CONSTITUTION: A system A sets up a data link to perform the communication
of the with another system B, C or D in a data communication **network** of
electronic **computer** systems A-D. A **network** operating system NOS
displays a list of designated information on the systems of the remote side
for communication of data on a work station WS. Thus the users select these
information out of the list for communication of data. As a result, it is
possible to set up a data link to perform the communication of data with
the system of the **remote** side without **actuating** a system production
program for change of the system production nor changing a transaction
program.

15/5/47   **(Item 47 from file: 347)**
DIALOG(R)File 347:JAPIO

01237649   **Image available**
PROGRAM UPDATE SYSTEM

ABSTRACT
PURPOSE: To save the cost and time for correcting job, by changing and
correcting a **program** of a stored **program** **control** system at a **remote**
location via a telephone exchange **network** from a data **terminal** .
CONSTITUTION: MODEMs 350-35n modulate and demodulate data transmitted/
received with a data **terminal** 1 via the said telephone exchange **network**
2, and line memories 300-30n buffer the said transmitted and received data.
A main storage device 33 consists of a bus 31, a program controller 32, a
buffer section 330 buffering data transmitted among the line memories
300-30n via a memory bus 34, and a program memory area 331 storing a
program specifying the operating means of an SPC telephone exchange system
3. The program controller 32 processes the analysis of transfer data among
the said line memories 300-30n and the main storage device 33, the transfer
control and the program update control of a program update section 332.

17/5/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

012597661   **Image available**
WPI Acc No: 1999-403767/199934
XRPX Acc No: N99-300859
 Remote access system for application program in computer network
Patent Assignee: TRIDIA CORP (TRID-N)
Inventor: **BLEVINS W B ; FRESE V**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind Date   Applicat No   Kind Date   Week
US 5909545   A   19990601 US 96589136   A   19960119 199934 B

Priority Applications (No Type Date): US 96589136 A 19960119
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5909545   A   13 G06F-015/136

Abstract (Basic): US 5909545 A
     NOVELTY - Application program on a computer (12) is interfaced by
an input-output protocol (22). A client (16) is communicated by an
input-output protocol (24). Conversion between remote control protocol
and input-output protocol (24) is done by a remote display module (18)
which is transferred from computer (12) to client (16), for remotely
accessing program in computer (12).
     DETAILED DESCRIPTION - Conversion between this input protocol and
remote control protocol is done by an application interception module.
An INDEPENDENT CLAIM is also included for method for providing
on-demand remote control of application program.
     USE - For domestic and business application.
     ADVANTAGE - User need not install additional software for remote
control of application program, instead user browses internet and
selects application program in RCSP site. User is offered with access
and control over application program so that user tries out program
features.
     DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of
system used for remotely access application program.
     Computers (12,16)
     Remote display module (18)
     Input-output stream protocol (22,24)
     pp; 13 DwgNo 1/4
Title Terms: REMOTE; ACCESS; SYSTEM; APPLY; PROGRAM; COMPUTER; NETWORK
Derwent Class: T01
International Patent Class (Main): G06F-015/136
File Segment: EPI
?

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Set     Items    Description
S1      61405    (REMOTE? OR DISTANCE OR DISTANT? OR TELE)(5N)(EXECUT? OR C-
                 ONTROL? OR ACCESS??? OR RUN? ? OR RUNNING OR ACTUAT? OR ACTIV-
                 AT? OR OPERAT? OR SHUTDOWN? OR SHUT????()DOWN OR CLOSE? OR CL-
                 OSING OR UPDAT???) OR TELECONTROL?
S2    1695759    PROGRAM? ? OR PROGRAMME OR PROGRAMMES OR APPLICATION? OR S-
                 OFTWARE OR INSTRUCTION?
S3     365694    COMPUTER? OR CPU OR CPUS OR CLIENT? OR TERMINAL? OR WORKST-
                 ATION? OR WORK()STATION? OR DESKTOP? OR DESK()TOP? ?
S4     217124    ONLINE OR ON()LINE OR INTERNET? OR INTRANET? OR EXTRANET? -
                 OR NETWORK? OR WEB OR LAN OR LANS OR WAN OR WANS OR WAIS
S5        552    S1(5N)S2(S)S3(5N)S4
S6        324    S5 AND IC=G06F
S7        166    S6 NOT AD=(19990101:20011108)/PR
S8         57    S7 NOT AD=(19960117:19981231)/PR
S9         57    IDPAT S8 (sorted in duplicate/non-duplicate order)
S10        49    IDPAT S8 (primary/non-duplicate records only)
S11         0    AU=(FRESE VINCENT? AND (BLEVINS, W? OR BLEVINS BRIAN?))
S12         0    AU=(FRESE VINCENT? OR BLEVINS, W? OR BLEVINS BRIAN?)
```

10/3,K/1   (Item 1 from file: 348)

01300286
A server module and a distributed server based internet access scheme and method of operating the same
Servermodul und Internetzugangssystem basiert auf verteilten Server und Verwaltungsverfahren
Module de serveur et systeme d' acces a internet a base de serveurs distribues et procede de gestion
PATENT ASSIGNEE:
  Advanced Communication Research, (2927410), Les Cardoulines B2, 1360
    Route des Dolines, 06560 Sophia Antipolis, (FR), (Applicant designated
    States: all)
INVENTOR:
  Dujardin, Serge, St. Truidersteenweg 178, 3500 Hasselt, (BE)
  Pari, Jean-Christophe, Villa Samaria, 571 chemin de la Lauve, 83700
    Saint-Raphael, (FR)
LEGAL REPRESENTATIVE:
  Bird, William Edward et al (62355), Bird Goen & Co., Vilvoordsebaan 92,
    3020 Winksele, (BE)
PATENT (CC, No, Kind, Date): EP 1113646 A1 010704 (Basic)
APPLICATION (CC, No, Date):   EP 99204623 991231;
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04L-029/06; **G06F-013/40** ; **G06F-009/46** ;
  H04L-012/24
ABSTRACT WORD COUNT: 134
NOTE:
  Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200127	741
SPEC A	(English)	200127	7677
Total word count – document A			8418
Total word count – document B			0
Total word count – documents A + B			8418

...INTERNATIONAL PATENT CLASS: **G06F-013/40** ...

...**G06F-009/46**

...SPECIFICATION through a hierarchical SNMP managed platform 16 in an
  operations centre 10. Preferably, application servers (e.g. for providing
  applications for e-Shops, E-Mail **intranet** servers, e-Game servers,
  Computer Based Training packages) are card mounted and are insertable as
  required in a standard chassis, for instance a plurality of chassis' can
  be installed in a standard 19" cabinet. The applications running on the
  servers 20 are preferably provisioned **remotely** . The **application**
  server module 20 **runs** server **software** to provide a certain service,
  e.g. a homepage of an e-merchant. The person who makes use of the server
  module 20 to offer...

10/3,K/2   (Item 2 from file: 348)

01291377
System and method for managing the configuration of hierarchically networked data processing devices
System und Verfahren zum Verwalten der Konfiguration von Datenverarbeitungsvorrichtungen in einem hierarchischen Netz

Systeme et methode de gestion de configuration des elements d'un reseau hierarchique
PATENT ASSIGNEE:
  Hewlett-Packard Company, A Delaware Corporation, (3016020), 3000 Hanover
    Street, Palo Alto, CA 94304, (US), (Applicant designated States: all)
INVENTOR:
  Mayer, Jurgen, Beethovenstrasse 3, 71083 Herrenberg, (DE)
LEGAL REPRESENTATIVE:
  Lippich, Wolfgang, Dipl.-Pys., Dr.rer.nat. (76571), Patentanwalt Samson &
    Partner, Widenmayerstrasse 5, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1107108 A1 010613 (Basic)
APPLICATION (CC, No, Date):   EP 99124507 991209;
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-009/00 ; H04L-012/24
ABSTRACT WORD COUNT: 154
NOTE:
  Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
       CLAIMS A (English) 200124   1090
       SPEC A   (English) 200124   6059
Total word count - document A   7149
Total word count - document B   0
Total word count - documents A + B   7149

INTERNATIONAL PATENT CLASS: G06F-009/00 ...

...SPECIFICATION operating system on a client computer within the network
  that has become inoperative.
    WO 99/10808 further discloses an agent discovery service which enables
  a **client** to discover remote agents, a **network** management service
  which allows for communication with remote agents, a file transfer
  service which enables to transfer files to and from remote computers, and
  a remote **execution** service in order to **remotely** initiate local
 execution of **applications** on a client. The process of transferring
  files from a client to a server is initiated by creating a request at the
  client and sending...

...itself, a temporary upload file is created. Updating of an operating
  system is basically provided by a remote execution service which is used
  to initiate **remote**   **execution** of an **application** , as well as
 remotely initiating a local **execution** of an **application** on a
  client's site. The remote execution service particularly checks for the
  presence of an executable file described in a data field and, if...

   10/3,K/3   **(Item 3 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

01280487
Transparent access to remote devices
Transparenter Zugang zu entfernten Geraten
Acces transparent aux dispositifs a distance
PATENT ASSIGNEE:
  MOTOROLA SEMICONDUCTEURS S.A., (1169430), Centre Electronique de Toulouse
    Avenue General Eisenhower, 31023 Toulouse Cedex, (FR), (Applicant
    designated States: all)
INVENTOR:
  Abdesselem, Ouelid, 8 rue Mage, 31000 Toulouse, (FR)
LEGAL REPRESENTATIVE:
  Kopacz, William James (52901), 83, Avenue Foch, 75116 Paris, (FR)
PATENT (CC, No, Kind, Date): EP 1100282 A1 010516 (Basic)
APPLICATION (CC, No, Date):   EP 99402743 991104;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
   LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04Q-007/32; **G06F-009/445**
ABSTRACT WORD COUNT: 151
NOTE:
   Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200120	451
SPEC A	(English)	200120	1580
Total word count - document A			2031
Total word count - document B			0
Total word count - documents A + B			2031

...INTERNATIONAL PATENT CLASS: **G06F-009/445**

...SPECIFICATION network, in this case over the air to a cellular telephone
   network 12. In other embodiments, the remote device may be, for example,
   a laptop **computer** connected to a landline telephone **network** or to the
   internet . A server 14 comprising a **computer** system, perhaps
   maintained by the manufacturer of the remote devices (or its service
   representative), and containing **software** **updates** for the **remote**
   devices is accessible through the network 12. The term updates as used
   herein is meant to include modifications to the software of the remote
   device...

 10/3,K/4   (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

01234627
Method and system for optimizing the network path of mobile programs
Verfahren und System zur Optimierung des Netzwerkpfades von mobilen
   Programmen
Methode et systeme por l'optimisation du chemin de programmes mobiles dans
   un reseau
PATENT ASSIGNEE:
   International Business Machines Corporation, (200120), Old Orchard Road,
      Armonk, N.Y. 10504, (US), (Applicant designated States: all)
INVENTOR:
   Barillau, franck, 10430 Morado Circle, No apt. 1925, Austin, Texas 78759,
      (US)
LEGAL REPRESENTATIVE:
   de Pena, Alain (15151), Compagnie IBM France Departement de Propriete
      Intellectuelle, 06610 La Gaude, (FR)
PATENT (CC, No, Kind, Date): EP 1069737 A1 010117 (Basic)
APPLICATION (CC, No, Date):   EP 99480064 990713;
DESIGNATED STATES: DE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04L-012/56; **G06F-009/46** ; H04L-029/06;
   H04L-012/24
ABSTRACT WORD COUNT: 136
NOTE:
   Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200103	508
SPEC A	(English)	200103	3045
Total word count - document A			3553
Total word count - document B			0
Total word count - documents A + B			3553

...INTERNATIONAL PATENT CLASS: G06F-009/46

...SPECIFICATION the network of an independent program having to execute itself on a list designated nodes of the network.

BACKGROUND OF THE INVENTION
   The network management **applications** , operating on a **network** management **workstations** , **remotely**   **control**   the various **network** components. More and more network management applications become system management applications by providing services to the network components such as handling of statistic collection, maintenance...

...when they were remotely performed. With the current solution of prior art, each network component served by the system manager stores a copy of service **programs** which the **execution** is **remotely** started from the system manager work station. This solution is costly because the network components have not always the storage capacity for all the programs... the system manager workstation communicating with the mobile program currently installed in a network element. This communication could be any kind of communication protocol between **applications** , allowing to **run** **remote**   commands from the system manager station on a network element such as CORBA (Common Object Request Broker) or RMI (Remote Method Invocation). This protocol is...

...result to the system management station. The process used by a network element to obtain the information is any communication process between nodes of the **network** . The system management **workstation**   communicates with the **network**   element for collecting the information through the network access (240) using a network management protocol such as SNMP (Simple Network Management Protocol) allowing to get...

 10/3,K/5   **(Item 5 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00917671
Parallel I/O network file server architecture
Dateienprozessoraufbau im parallelen Eingangs/Ausgangsnetzwerk
Architecture de serveur de fichier en reseau entree/sortie parallele
PATENT ASSIGNEE:
  AUSPEX SYSTEMS, INC., (1348490), 2952 Bunker Hill Lane, Santa Clara, CA
     95054, (US), (Applicant designated States: all)
INVENTOR:
  Row, Edward John, 468 Mountain Laurel Court, Mountain View CA 94064, (US)
  Boucher, Laurence B., 20605 Montalvo Heights Drive, Saratoga CA 95070,
     (US)
  Pitts, William M., 780 Mora Drive, Los Altos CA 94022, (US)
  Blightman, Stephen E., 3733 Arlen Court, San Jose, CA 95132, (US)
LEGAL REPRESENTATIVE:
  BROOKES & MARTIN (100141), High Holborn House 52/54 High Holborn, London,.
     WC1V 6SE, (GB)
PATENT (CC, No, Kind, Date): EP 837402 A2 980422 (Basic)
                              EP 837402 A3 000809
APPLICATION (CC, No, Date):   EP 97112889 900820;
PRIORITY (CC, No, Date): US 404959 890908
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; LU; NL; SE
RELATED PARENT NUMBER(S) - PN (AN):
  EP 490973 (EP 90913922)
INTERNATIONAL PATENT CLASS: **G06F-017/30** ; H04L-029/06
ABSTRACT WORD COUNT: 17846
NOTE:
  Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

INTERNATIONAL PATENT CLASS: **G06F-017/30** ...

10/3,K/6   (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00844838
System and method for automounting and accessing remote file systems in microsoft windows in a networking environment
System und Verfahren zum automatischen Montieren und Zugreifen auf Ferndateisysteme in Microsoft-Windows in einer Netzwerkumgebung
Systeme et methode pour monter automatiquement et acceder a des systemes de fichiers eloignes dans Microsoft Windows dans un environnement en reseau
PATENT ASSIGNEE:
  SUN MICROSYSTEMS, INC., (1392730), 2550 Garcia Avenue, Mountain View, CA 94043, (US), (applicant designated states: DE;FR;GB;IT;NL)
INVENTOR:
  Provino, Joseph E., 29 Wendel Street, Cambridge, Massachusetts 02138, (US)
  Rosenzweig, Philip M., 12 Kinsley Road, Acton, Massachusetts 01720, (US)
LEGAL REPRESENTATIVE:
  Johnson, Terence Leslie (42961), Edward Evans & Co. Chancery House 53-64 Chancery Lane, London WC2A 1SD, (GB)
PATENT (CC, No, Kind, Date): EP 780778 A2 970625 (Basic)
                              EP 780778 A3 970813
APPLICATION (CC, No, Date):   EP 96309359 961220;
PRIORITY (CC, No, Date): US 577822 951222
DESIGNATED STATES: DE; FR; GB; IT; NL
INTERNATIONAL PATENT CLASS: **G06F-017/30**
ABSTRACT WORD COUNT: 246

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS A (English) EPAB97   5673
     SPEC A   (English) EPAB97   8845
Total word count - document A   14518
Total word count - document B   0
Total word count - documents A + B   14518

INTERNATIONAL PATENT CLASS: **G06F-017/30**

...SPECIFICATION in a networking environment.
   In brief summary, in one aspect the invention provides a virtual file system accessing subsystem for use in connection with a **computer** system connected in a **computer** **network** . The **computer** system runs a selected operating system, such as Microsoft's MS-DOS and Windows operating systems. The virtual file system accessing subsystem facilitates the accessing...

...a virtual logical storage device file system that includes at least a portion of a remote file system maintained by another device connected in the **computer** **network** . The virtual file system accessing subsystem comprises an operating system request redirector for enabling the operating system to direct access requests from an application program...

...virtual logical storage device, identified by a single identifier, can be used to identify portions of a number of remote file systems, so that an **application** **program** can **access** a number of **remote** file systems using a single device identifier.
   In another aspect, the invention provides a virtual file system accessing subsystem for use in connection with a **computer** system connected in a **computer** **network** . The **computer** system runs a selected operating system, such as Microsoft's MS-DOS and Windows operating systems. The virtual file system accessing subsystem facilitates accessing of...

...a virtual logical storage device file system that includes at least a

portion of a remote file system maintained by another device connected in the **computer** **network** , at least some virtual logical storage device file systems including a hierarchical directory system defining a plurality of possible paths each having a path identifier...

...an application program which identify a the virtual logical storage device to the remote access element. The operating system receiving access requests from a the **application** **program** and provides, to a **remote** **access** element, those **access** requests which include the virtual logical storage device identifier. Along with the **access** requests, the **operating** system provides to the **remote** **access** element, for the **access** requests received from the **application** **program** which do not include a path identifier, a path identifier for the default path for the virtual logical storage device identified by the virtual logical...

10/3,K/7   (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00838724
TRANSACTION SYNCHRONIZATION IN A DISCONNECTABLE COMPUTER AND NETWORK
TRANSAKTIONSSYNCHRONISIERUNG IN EINEM NETZ ABTRENNBARER RECHNER
SYNCHRONISATION   DES   RELEVES DE MOUVEMENTS DANS UN ORDINATEUR ET UN RESEAU
    POUVANT ETRE DECONNECTES
PATENT ASSIGNEE:
  NOVELL, INC., (1486133), 1555 North Technology Way, Orem, UT 84057-2399,
    (US), (Proprietor designated states: all)
INVENTOR:
  FALLS, Patrick T., Meadlands Broad Layings, Woolton Hill Newbury,
    Berkshire RG15 9TT, (GB)
  COLLINS, Brian J., 30 High Drive, New Malden, Surrey KT3 3UG, (GB)
  DRAPER, Stephen P., W., 123 Pack Lane, Basingstoke, Hampshire RG22 5HL,
    (GB)
LEGAL REPRESENTATIVE:
  Hanna, Peter William Derek (72342), Peter Hanna Associates 11 Mespil Road
    , Dublin 4, (IE)
PATENT (CC, No, Kind, Date): EP 839353 A1 980506 (Basic)
                              EP 839353 B1 010926
                              WO 9704389 970206
APPLICATION (CC, No, Date):   EP 96926744 960718; WO 96US11901 960718
PRIORITY (CC, No, Date): US 1261 P 950720
DESIGNATED STATES: DE; FR; GB; IE
INTERNATIONAL PATENT CLASS: G06F-011/14 ; G06F-009/46 ; G06F-017/30
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200139	376
CLAIMS B	(German)	200139	351
CLAIMS B	(French)	200139	486
SPEC B	(English)	200139	11733
Total word count – document A			0
Total word count – document B			12946
Total word count – documents A + B			12946

INTERNATIONAL PATENT CLASS: G06F-011/14 ...

...G06F-009/46 ...

...G06F-017/30
...SPECIFICATION 56 stored on these media are not necessarily conventional even though the associated devices and controllers 54 may themselves be known in the art.
   Each **computer** 40 also has a **network** link manager 50 that is capable of establishing a **network** connection 52 with another disconnectable

computer 40. Suitable **network** link managers 50 include those capable
of providing remote procedure calls or an equivalent communications and
control capability. One embodiment utilizes "DataTalk" **remote**
procedure call **software** with extended NetWare Core Protocol calls and
provides functionality according to the following interface:
Those of skill in the art will appreciate that other remote...

 10/3,K/8   (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00838347
TRANSACTION CLASH MANAGEMENT IN A DISCONNECTABLE COMPUTER AND NETWORK
TRANSAKTIONSKONFLIKTVERWALTUNG IN EINEM NETZ-ABTRENNBAREN RECHNER
GESTION DE CONFLITS DE TRANSACTIONS DANS UN ORDINATEUR ET UN RESEAU POUVANT
  ETRE DECONNECTES
PATENT ASSIGNEE:
  NOVELL, INC., (1486133), 1555 North Technology Way, Orem, UT 84057-2399,
  (US), (Proprietor designated states: all)
INVENTOR:
  FALLS, Patrick, T., Meadlands,Broad Layings,Woolton Hill,
    Newbury,Berkshire RG15 9TT, (GB)
  COLLINS, Brian, J., 30 High Drive,New Malden, Surrey KT3 3UG, (GB)
  DRAPER, Stephen, P., W., 123 Pack Lane,Basingstoke, Hampshire RG22 5HL,
    (GB)
LEGAL REPRESENTATIVE:
  Hanna, Peter William Derek (72342), Peter Hanna Associates 11 Mespil Road
    , Dublin 4, (IE)
PATENT (CC, No, Kind, Date):   EP 839351 A1 980506 (Basic)
                               EP 839351 B1 010926
                               WO 9704390 970206
APPLICATION (CC, No, Date):   EP 96924594 960718; WO 96US11902 960718
PRIORITY (CC, No, Date): US 1344 P 950720
DESIGNATED STATES: DE; FR; GB; IE
INTERNATIONAL PATENT CLASS: G06F-011/14 ; G06F-009/46 ; G06F-017/30
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS B (English) 200139   488
      CLAIMS B (German)   200139   486
      CLAIMS B (French)   200139   585
      SPEC B   (English) 200139   12363
Total word count - document A   0
Total word count - document B   13922
Total word count - documents A + B   13922

INTERNATIONAL PATENT CLASS: G06F-011/14 ...

...G06F-009/46 ...

...G06F-017/30
...SPECIFICATION 56 ·stored on these media are not necessarily conventional
  even though the associated devices and controllers 54 may themselves be
  known in the art.
    Each **computer** 40 also has a **network** link manager 50 that is capable
  of establishing a **network** connection 52 with another disconnectable
  computer 40. Suitable **network** link managers 50 include those capable
  of·providing remote procedure calls or an equivalent communications and
  control capability. One embodiment utilizes "DataTalk" **remote**
  procedure call **software** with extended NetWare Core Protocol calls and
  provides functionality according to the following interface:
    Those of skill in the art will appreciate that other remote...

 10/3,K/9   (Item 9 from file: 348)

00809815
Method and apparatus for powering-on a computer-based system via a network
interface
Methode und Gerat zur Einstellung eines Rechnersystems uber eine
Netzschnittstelle
Methode et appareil de mise a tension d'un systeme d'ordinateur par une
interface de reseau
PATENT ASSIGNEE:
  SUN MICROSYSTEMS, INC., (1392732), 2550 Garcia Avenue, Mountain View,
    California 94043-1100, (US), (applicant designated states:
    DE;FR;GB;NL;SE)
INVENTOR:
  Gianni, Robert R., 107 Worcester Lane, Los Gatos, California 95032, (US)
LEGAL REPRESENTATIVE:
  Harris, Ian Richard et al (72231), D. Young & Co., 21 New Fetter Lane,
    London EC4A 1DA, (GB)
PATENT (CC, No, Kind, Date):   EP 752637 A2 970108 (Basic)
                               EP 752637 A3 970115
APPLICATION (CC, No, Date):   EP 96110734 960703;
PRIORITY (CC, No, Date): US 499085 950706
DESIGNATED STATES: DE; FR; GB; NL; SE
INTERNATIONAL PATENT CLASS: G06F-001/26 ; H04L-012/12
ABSTRACT WORD COUNT: 104

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A (English) EPAB97   1158
     SPEC A   (English) EPAB97   2505
Total word count - document A   3663
Total word count - document B   0
Total word count - documents A + B   3663

INTERNATIONAL PATENT CLASS: G06F-001/26 ...

...SPECIFICATION 60, 60' typically is an integrated circuit ("IC") chip
  that provides interfacing between the client computer and the remote
  host/server. According to current Ethernet network protocol, networked
   computers rely upon three attributes of the network: (a) the network
  is always up or active, (b) the client computer is always alive and
  coupled to the network, and (c) data and/or application programs may
  be run locally or run   remotely over the network from another
 computer .
    Each computer 30, 30' includes a power supply that is typically
  coupled to 110 VAC/220 VAC, and whose output DC voltages are coupled
  through an ON...

 10/3,K/10   (Item 10 from file: 348)

00785110
METHOD AND APPARATUS FOR PROVIDING SIMPLE, SECURE MANAGEMENT OF REMOTE
    SERVERS
VERFAHREN UND VORRICHTUNG FUR DIE EINFACHE UND SICHERE VERWALTUNG VON
    ENTFERNTEN SERVERN
TECHNIQUE ET APPAREILLAGE DE GESTION SIMPLE ET FIABLE DE SERVEURS DISTANTS
PATENT ASSIGNEE:
  NOVELL, INC., (1486133), 1555 North Technology Way, Orem, UT 84057-2399,
    (US), (applicant designated states: DE;FR;GB;IE;IT;SE)
INVENTOR:
  NICOLET, Jim, 209 East Park Drive, Elk Ridge, UT 84651, (US)
LEGAL REPRESENTATIVE:
  Hanna, Peter William Derek et al (72341), Tomkins & Co., 5 Dartmouth Road

Available Text   Language   Update   Word Count
      CLAIMS B   (English)   9911   1191
      CLAIMS B   (German)   9911   1076
      CLAIMS B   (French)   9911   1407
      SPEC B   (English)   9911   4992
Total word count - document A   0
Total word count - document B   8666
Total word count - documents A + B   8666

INTERNATIONAL PATENT CLASS: G06F-009/46

...SPECIFICATION management of remote computers has typically been based on
   one of two schemes. One scheme, known as the remote console or log in
   scheme, employs **client** software that uses a simple **network** protocol,
   such as a protocol that provides for the creation, distribution and
   delivery of digital packets. The **client** software runs at the **"Network**
   " level of the Open Systems Interconnect or "OSI" model. Corresponding
   server software interacts directly with the client software. Through this
   scheme, the client software accepts...

...which in turn passes the keystrokes directly to the server computer
   operating system. Given the nature of the scheme. that keystrokes entered
   on the local **computer** are passed over the **network** through the remote
   server **software** directly to the **remote** **operating** system, the only
   security that was employed was for **access** to the **remote** server
 application .
   The second commonly used scheme uses the Simple Network Management
   Protocol ("SNMP"), and the Simple Management Protocol ("SMP"). Both are
   related and have the same...the terms of the native communications
   protocol of the local (e.g., client) and remote (e.g., server) computers.
   The remote procedure calls allow client **software** to directly interact
   with the **operating** system of the **remote** computer so as to avoid the
   inherent problems of the currently available schemes. One or more remote
   procedure calls are incorporated into the **network** **client** and
   corresponding remote procedure calls are incorporated into the server
   operating system. Developers who then wish to develop client software
   with the ability to load, unload or otherwise configure their remote
   server applications may do so using a **network** **client** and server
   operating system supporting the calls.
   HEWLETT- PACKARD JOURNAL, vol. 41, no. 2, April 1990, PALO ALTO US, pp.
   85- 91, Atul R. Garg...

 10/3,K/11   (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00761147
APPARATUS AND METHOD FOR LIMITING ACCESS TO A LOCAL COMPUTER NETWORK
VORRICHTUNG UND VERFAHREN ZUR BEGRENZUNG DES ZUGRIFFS AUF EIN LOKALES
   RECHNERNETZ
PROCEDE ET DISPOSITIF PERMETTANT DE LIMITER L'ACCES A UN RESEAU LOCAL
   D'ORDINATEURS
PATENT ASSIGNEE:
   Shiva Corporation, (2109631), 28 Crosby Drive, Bedford, MA 01730, (US),
      (applicant designated states: DE;FR;GB)

INVENTOR:
  HOROWITZ, Michael, Alan, 578 Centre Street, Newton, MA 02158, (US)
  RODWIN, Andrew, S., 126 Box Mill Road, Boxborough, MA 01719, (US)
  WENOCUR, Jonathan, H., 140 Kilsyth Road, No 4, Brighton, MA 02146, (US)
LEGAL REPRESENTATIVE:
  Altenburg, Udo, Dipl.-Phys. et al (1268), Patent- und Rechtsanwalte
    Bardehle . Pagenberg . Dost . Altenburg . Geissler . Isenbruck
    Galileiplatz 1, 81679 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 775341 A1 970528 (Basic)
                              EP 775341 B1 990630
                              WO 9605549 960222
APPLICATION (CC, No, Date):   EP 95926702 950714; WO 95US8900 950714
PRIORITY (CC, No, Date): US 287790 940809
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-001/00
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
        CLAIMS B (English) 9926   743
        CLAIMS B (German) 9926   667
        CLAIMS B (French) 9926   818
        SPEC B   (English) 9926   4280
Total word count - document A   0
Total word count - document B   6508
Total word count - documents A + B   6508

INTERNATIONAL PATENT CLASS: G06F-001/00

...SPECIFICATION can be used to maintain the database 30 of user names and
  access filters which was described previously with reference to FIG. 1.
    The remote **computer** 12 can be loaded with **network   application
  software** 34 and remote **access** client **software** 36. The **remote
  access** client **software** 36 can allow, for example, a Macintosh computer
  to use AppleTalk Remote Access (ARA), a Unix-based computer to use a
  Point-to-Point Protocol...

...and terminates the remote access connection and a "driver" which
  interfaces with the network. protocol stacks and the serial port 32 to
  send and receive **network** data. The remote access **client** can operate
  with a variety of protocols including IPX, TCP/IP, NetBEUI, LLC/802.2,
  and AppleTalk. Novell's IPX is the native protocol for...

...Windows for Workgroups. LLC/802.2 is for IBM LAN Server and host
  connectivity. The combination of AppleTalk and TCP/IP covers almost all
  Macintosh **applications** .
    The performance of the **remote   access** server 16 is primarily
  determined by the ability to move data through its serial ports (shown in
  FIG. 4 but not in FIG. 2) without...

...the controlling software. The software is upgradeable via downloading
  from the network 14 to the server 16. The network manager can perform any
  upgrades.
    The **software** in the **remote   access** server 16 causes the server 16
  to perform the various functions described herein, although it should be
  noted that it is possible to use dedicated...

...to perform all server functionality described herein. The steps which
  the server performs in order to control a remote user's access to a local
  computer   network according to the invention are shown in FIG. 3.
    Referring to FIG. 3, it is first necessary to setup the connections by
  coupling a communication...

 10/3,K/12   (Item 12 from file: 348)

00745841
Survey tool for email
Untersuchungwerkzeug fur Mitteilungssysteme
Outil de sondage pour courrier electronique
PATENT ASSIGNEE:
   SUN MICROSYSTEMS, INC., (1392730), 2550 Garcia Avenue, Mountain View, CA
      94043, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
   Sanders, James B., 420 Gerona, Stanford, California 94305, (US)
LEGAL REPRESENTATIVE:
   W.P. Thompson & Co. (101051), Coopers Building, Church Street, Liverpool
      L1 3AB, (GB)
PATENT (CC, No, Kind, Date):   EP 703540 A2 960327 (Basic)
                               EP 703540 A3 981007
APPLICATION (CC, No, Date):   EP 95306784 950926;
PRIORITY (CC, No, Date): US 311795 940926
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-017/60**
ABSTRACT WORD COUNT: 285

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS A   (English) EPAB96   885
      SPEC A   (English) EPAB96   3960
Total word count - document A   4845
Total word count - document B   0
Total word count - documents A + B   4845

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION a form suitable for graphical display and/or printout
   (step 855).
      Other modifications are possible without departing from the scope of
   the invention. For example, **computer   network** 100 can either be
   hardwired, optical, wireless, or combinations thereof. Other
   applications for which the **remote** transfer of an **executable   program**
      with an interpretive command script can be adapted for use include
   various email reader programs which support email attachments. Hence the
   scope of the invention...

 10/3,K/13   **(Item 13 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
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00688506
Distributed database management
Verteiltes Datenbankverarbeitungssystem
Systeme de base de donnees distribue
PATENT ASSIGNEE:
   International Business Machines Corporation, (200120), Old Orchard Road,
      Armonk, N.Y. 10504, (US), (Proprietor designated states: all)
INVENTOR:
   Coyle, Daniel J., Jr., 333 North Screenland, Burbank, California
      818566-9667, (US)
   Chang, Amy, 2 Hoyle Drive, Cortland Manor, New York 10566, (US)
   Malkemus, Timothy R., 1602 Rock Creek Drive, Round Rock, Texas 75681,
      (US)
   Wilson, Walter G., 88 Route 32 South, New Paltz, New York 12561, (US)
LEGAL REPRESENTATIVE:
   Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual
      Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date):   EP 657813 A1 950614 (Basic)
                               EP 657813 B1 000223
APPLICATION (CC, No, Date):   EP 94308197 941108;
PRIORITY (CC, No, Date): US 163100 931206

DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-011/14**
ABSTRACT WORD COUNT: 88
NOTE:
   Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200008	809
CLAIMS B	(German)	200008	894
CLAIMS B	(French)	200008	1069
SPEC B	(English)	200008	2547
Total word count - document A			0
Total word count - document B			5319
Total word count - documents A + B			5319

INTERNATIONAL PATENT CLASS: **G06F-011/14**

...SPECIFICATION databases and more particularly to distributed update
   requests within a transaction on a parallel database.
   A distributed database system is one implemented over a communication
 network linking a plurality of **computers** . The database itself is
   partitioned among the individual computers. A database request from an
   application program running on one computer can be sent to one or more
   remote **computers** over the **network** . To handle such a request a
   coordinator running on a computer (either the computer where the
 application   **program** is **executing** or a **remote** computer which
   exclusively handles coordination) decides whether the transaction owning
   the request is to be committed or rolled back. A true distributed request
   is permitted...

 10/3,K/14   (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00601744
Distributed system and associated method for controlling a plurality of
   protocols
Verteiltes System und entsprechendes Protokollauswahlverfahren
Systeme distribue et methode associee de controle de protocoles
PATENT ASSIGNEE:
   Hitachi, Ltd., (204141), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo
      101, (JP), (Proprietor designated states: all)
   HITACHI SEIBU SOFT WARE CO., LTD., (790471), 5-29, Kitahama-3-chome,,
      Chuo-ku, Osaka, (JP), (Proprietor designated states: all)
INVENTOR:
   Watanabe, Tetsuya, Hitachi Akebonoryo, 2453 Nakatacho, Izumi-ku,
      Yokohama-shi, (JP)
   Ishikawa, Hiromichi, Shonan Raifutaun, Takinosawa 2-1-301, 1090 Endo,
      Fujisawa-shi, (JP)
   Hatano, Masaaki, 5-30-12 Hoenzaka-1-chome, Chuo-ku, Osaka-shi, (JP)
LEGAL REPRESENTATIVE:
   Calderbank, Thomas Roger et al (50122), MEWBURN ELLIS York House 23
      Kingsway, London WC2B 6HP, (GB)
PATENT (CC, No, Kind, Date):   EP 597592   A2   940518 (Basic)
                               EP 597592   A3   950125
                               EP 597592   B1   000315
APPLICATION (CC, No, Date):   EP 93308076 931011;
PRIORITY (CC, No, Date): JP 92272668 921012
DESIGNATED STATES: FR; GB
INTERNATIONAL PATENT CLASS: **G06F-009/46 ; H04L-029/06**
ABSTRACT WORD COUNT: 151
NOTE:
   Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200011	1280
CLAIMS B	(German)	200011	1180
CLAIMS B	(French)	200011	1569
SPEC B	(English)	200011	3373
Total word count - document A			0
Total word count - document B			7402
Total word count - documents A + B			7402

INTERNATIONAL PATENT CLASS: **G06F-009/46** ...

...SPECIFICATION a plurality of communication control program but it is not
easy to modify the protocols and the application contexts.
EP-A-0414624 discloses a distributed **computer** system in which a
network of **computers** have application programs which made use of
library procedures. Where the library procedure has an application
program is not available on the computer on which the **application
program** is **running** , a **remote** router procedure services information
from a remote computer and returns it for use by the application program.
The system makes use of a service director...

 10/3,K/15 **(Item 15 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00559081
LICENSE MANAGEMENT SYSTEM
LIZENZ-VERWALTUNGSSYSTEM
SYSTEME DE GESTION DE LICENCES
PATENT ASSIGNEE:
  DIGITAL EQUIPMENT CORPORATION, (313080), 146 Main Street, Maynard, MA
    01754, (US), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;SE)
INVENTOR:
  WYMAN, Richard, Mark, 410 Second Avenue, South 108, Kirkland, WA 98033,
    (US)
LEGAL REPRESENTATIVE:
  Goodman, Christopher et al (31122), Eric Potter Clarkson, Park View
    House, 58 The Ropewalk, Nottingham NG1 5DD, (GB)
PATENT (CC, No, Kind, Date): EP 538464 A1 930428 (Basic)
                              EP 538464 B1 981230
                              WO 9220021 921112
APPLICATION (CC, No, Date):   EP 92914135 920501; WO 92US3608 920501
PRIORITY (CC, No, Date): US 697652 910508
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; MC; NL;
  SE
INTERNATIONAL PATENT CLASS: G06F-001/00 ; G06F-017/60
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9853	1143
CLAIMS B	(German)	9853	1114
CLAIMS B	(French)	9853	1314
SPEC B	(English)	9853	14676
Total word count - document A			0
Total word count - document B			18247
Total word count - documents A + B			18247

INTERNATIONAL PATENT CLASS: G06F-001/00 ...

...G06F-017/60

...SPECIFICATION system for all such products.
    Distributed computing systems present additional licensing issues. A

distributed system includes a number of processor nodes tied together in a **network** of servers and **clients** . Each node is a processor which may execute programs locally, and may also execute programs or features (subparts of **programs**) via the network. A **program** **executing** on one node may make **remote** procedure calls to procedures or **programs** on other nodes. In this case, some provision need be made for defining a license permitting a program to be executed in a distributed manner...

 10/3,K/16 **(Item 16 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00546611
Small computer system interface for non-local SCSI devices.
SCSI-Schnittstelle fur nicht-lokale SCSI-Gerate.
Interface SCSI pour dispositifs SCSI non-locaux.
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states:
    CH;DE;FR;GB;IT;LI;NL;SE)
INVENTOR:
  McNeill, Andrew Boyce, Jnr., 181 NW 41st Way, Deerfield Beach, FL 33442,
    (US)
  Wachtel, Edward Irving, 22167 Serenata Circle East, Boca Raton, FL 33433,
    (US)
LEGAL REPRESENTATIVE:
  Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual
    Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 549217 A1 930630 (Basic)
APPLICATION (CC, No, Date): EP 92311351 921211;
PRIORITY (CC, No, Date): US 812197 911220
DESIGNATED STATES: CH; DE; FR; GB; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: **G06F-013/38**
ABSTRACT WORD COUNT: 57

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English)   EPABF1   465
      SPEC A   (English)   EPABF1   4180
Total word count - document A   4645
Total word count - document B   0
Total word count - documents A + B   4645

INTERNATIONAL PATENT CLASS: **G06F-013/38**

...CLAIMS SCSI adapters; and
        emulation means enabling the remote peripheral device in the
    second computer for direct access of the remote peripheral device by
    the first **computer** upon command.
  2. The **computer** **network** system as claimed in Claim 1 wherein the
      first and second computers are BIOS software dependent and the
      sfotware memory resident emulation means enabling the...

...in the second computer for direct access of the remote peripheral device
    by the first computer upon command provides for proper sharing of the
    BIOS **software** interrupt which supports **remote** peripheral device
    access by both the first and second computers such that proper
    hardware and software priority operation is maintained.
  3. The computer network system as claimed in...

 10/3,K/17 **(Item 17 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00511224

OBJECT-ORIENTED ARCHITECTURE FOR FACTORY FLOOR MANAGEMENT
OBJEKTORIENTIERTE ARCHITEKTUR FUR FABRIKVERWALTUNG
STRUCTURE ORIENTEE OBJET POUR GESTION D'ATELIER
PATENT ASSIGNEE:
  CONSILIUM, INC., (1501350), 640 Clyde Ct.,, Mt. View, CA 94303, (US),
    (Proprietor designated states: all)
INVENTOR:
  Tantry, Subbash Belman, 1228 Harker Avenue, Palo Alto, CA 94301, (US)
  MASHRUWALA, Rajesh, Unmesh, 450 Melville Avenue, Palo Alto, CA 94301,
    (US)
  LOZIER, Barry, Alexander, 1225 Vienna Drive, 95, Sunnyvale, CA 94089,
    (US)
  HESS, Richard, Leroy, 3073 Middlefield Road, 203, Palo Alto, CA 94303,
    (US)
LEGAL REPRESENTATIVE:
  Martin, Jean-Jacques (17181), Cabinet REGIMBEAU 26, Avenue Kleber, 75116
    Paris, (FR)
PATENT (CC, No, Kind, Date): EP 553285 A1 930804 (Basic)
                              EP 553285 A1 931110
                              EP 553285 B1 000301
                              WO 9207331 920430
APPLICATION (CC, No, Date):   EP 91920578 911015; WO 91US7671 911015
PRIORITY (CC, No, Date): US 598078 901016
DESIGNATED STATES: DE; FR
INTERNATIONAL PATENT CLASS: **G06F-017/00**
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200009	648
CLAIMS B	(German)	200009	569
CLAIMS B	(French)	200009	882
SPEC B	(English)	200009	10211
Total word count - document A			0
Total word count - document B			12310
Total word count - documents A + B			12310

INTERNATIONAL PATENT CLASS: **G06F-017/00**

...CLAIMS said application service request for operations on non-persistent
    objects.
  12. The computer system of claim 11 wherein each application node of said
      plurality of **application** nodes **executes** a single **remote** object
      server process for communicating with other nodes of said plurality
      of **networked**   **computer** nodes.

 10/3,K/18   **(Item 18 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00468165
Problem analysis of a node computer with assistance from a central site.
Problemanalyse eines Knotenrechners mit Hilfe einer zentralen Stelle.
Analyse de probleme d'une calculatrice de noeud avec assistance d'un site
    central.
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Derr, Andrew G., 1009 Hazel Avenue, Endicott, N.Y. 13760, (US)
  Poliquin, Richard J., 409 Chrysler Road, Endwell, N.Y. 13760, (US)
LEGAL REPRESENTATIVE:
  Jost, Ottokarl, Dipl.-Ing. (6092), IBM Deutschland GmbH Patentwesen und
    Urheberrecht Schonaicher Strasse 220, W-7030 Boblingen, (DE)
PATENT (CC, No, Kind, Date): EP 474058 A2 920311 (Basic)
                              EP 474058 A3 930421

...ABSTRACT A2
   A **computer**   **network** analyzes a problem with a first **computer** in
   the **network** . The **network** comprises a first program which runs on a
   second computer and analyzes a problem with the first computer. A second
   program also runs on the...

...exists that the problem can be corrected by a person at the first
   computer which person not having service engineering expertise or
   resources. A third **program**   **runs** on the third computer and **remotely**
 controls the first **program** to obtain the additional information
   relating to the cause of the problem if there is at least a reasonable
   chance that the problem can be...

...CLAIMS means stores said identification of said part in said second
      computer, and does not send said identification with said
      notification for use by said third **computer** .
 30. A **computer**   **network** for performing the methods of any one of the
      preceding claims 1-17 and/or for running the program products of any
      one of the...

...exists that said problem can be corrected by a person at said first
      computer which person not having service engineering expertise or
      resources; and

      third **program** means for **running** on said third computer and
   remotely   **controlling** said first **program** means to obtain said
      additional information relating to the cause of said problem if there
      is at least a reasonable chance that said problem can...

 10/3,K/19   (Item 19 from file: 348)

Jost, Ottokarl, Dipl.-Ing. (6092), IBM Deutschland GmbH Patentwesen und
    Urheberrecht Schonaicher Strasse 220, W-7030 Boblingen, (DE)
PATENT (CC, No, Kind, Date):   EP 478942 A2 920408 (Basic)
                               EP 478942 A3 940615
APPLICATION (CC, No, Date):   EP 91114143 910821;
PRIORITY (CC, No, Date): US 577967 900904
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-015/16**
ABSTRACT WORD COUNT: 195

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS A   (English)   EPABF1   1135
     SPEC A   (English)   EPABF1   6432
Total word count - document A   7567
Total word count - document B   0
Total word count - documents A + B   7567

INTERNATIONAL PATENT CLASS: **G06F-015/16**

...SPECIFICATION noted that the transmission is in the form of an IBM 3270
   data stream which is a field by field definition format.
      The prior art **network** 10 also includes a **work   station** controller
   18 which is hardware and microcode such as an IBM 3274 Control Unit to
   provide an interface to the operating system 14 of processor...

...a keyboard 17 pursuant to the displayed request. The resultant
   keystrokes are sent to operating system 14 via device cluster adapter 23
   and work station **controller** 18.
      Work station **controller** 18 can also be **remotely   controlled** by a
 program command from central computer 28 to provide the aforesaid
   information to operating system 14. The first step for the remote control
   is for TSCF/PC...

 10/3,K/20   (Item 20 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00461800
**System for integrating application programs in a heterogeneous network
    enviroment**
**System   zum   Integrieren   von   Anwenderprogrammen   in eine heterogene
    Netzwerkumgebung**
**Systeme pour integrer des programmes d'application dans un environnement de
    reseau heterogene**
PATENT ASSIGNEE:
  Hewlett-Packard Company, (206031), Mail Stop 20 B-O, 3000 Hanover Street,
     Palo Alto, California 94304, (US), (applicant designated states:
     DE;FR;GB)
INVENTOR:
  Pham, Thong, 10148 Judy Avenue, Cupertino, California 95014, (US)
  Gulland, Scott, 3681 Irlanda Way, San Jose, California 95125, (US)
  Amino, Mitch, 373 Bundy Avenue, San Jose, California 95117, (US)
LEGAL REPRESENTATIVE:
  Baillie, Iain Cameron et al (27951), Ladas & Parry, Altheimer Eck 2,
     80331 Munchen, (DE)
PATENT (CC, No, Kind, Date):   EP 456249 A2 911113 (Basic)
                               EP 456249 A3 930120
                               EP 456249 B1 981209
APPLICATION (CC, No, Date):   EP 91107604 910510;
PRIORITY (CC, No, Date): US 521543 900510
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-009/46**
ABSTRACT WORD COUNT: 214

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text		Language	Update	Word Count
	CLAIMS B	(English)	9850	1199
	CLAIMS B	(German)	9850	1068
	CLAIMS B	(French)	9850	1485
	SPEC B	(English)	9850	12992
Total word count - document A				0
Total word count - document B				16744
Total word count - documents A + B				16744

INTERNATIONAL PATENT CLASS: G06F-009/46

...SPECIFICATION into a C-language code that runs on both sides of the connection (the user and server computers); and a Location Broker 128 which lets **applications** determine at **run** time which **remote computers** on the **network** can provide the required services to the user computer. In particular, as shown in FIG. 1, a user application 102 interfaces with a procedure call...software tool which enables a system integrator or end-user flexibly and efficiently to produce run time software for integration of existing applications in a **networked** environment of heterogeneous **computers** . In order to achieve this goal, the present invention provides functionality equivalent to that of a combination of a message and file handling system, a data manipulation system, and a local and **remote** **program** **control** system.
   From the system integrator's viewpoint, the present invention provides a message handling system which allows data types and data formats to be different...

 10/3,K/21 **(Item 21 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00451925
PARALLEL I/O NETWORK FILE SERVER ARCHITECTURE
DATEIENPROZESSORAUFBAU IM PARALLELEN EINGANGS/AUSGANGS NETZWERK
ARCHITECTURE DE SERVEUR DE FICHIER, EN RESEAU ENTREE/SORTIE PARALLLELE
PATENT ASSIGNEE:
  AUSPEX SYSTEMS, INC., (1348490), 2952 Bunker Hill Lane, Santa Clara, CA
    95054, (US), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;LU;NL;SE)
INVENTOR:
  ROW, Edward, John, 468 Mountain Laurel Court, Mountain View, CA 94064,
    (US)
  BOUCHER, Laurence, B., 20605 Montalvo Heights Drive, Saratoga, CA 95070,
    (US)
  PITTS, William, M., 780 Mora Drive, Los Altos, CA 94022, (US)
  BLIGHTMAN, Stephen, E., 775 Salt Lake Drive, San Jose, CA 95133, (US)
LEGAL REPRESENTATIVE:
  Barnard, Eric Edward et al (28021), BROOKES & MARTIN High Holborn House
    52/54 High Holborn, London WC1V 6SE, (GB)
PATENT (CC, No, Kind, Date):   EP 490973 A1 920624 (Basic)
                               EP 490973 A1 931020
                               EP 490973 B1 980225
                               WO 9103788 910321
APPLICATION (CC, No, Date):   EP 90913922 900820; WO 90US4711 900820
PRIORITY (CC, No, Date): US 404959 890908
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: G06F-017/30 ; G06F-015/16
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text		Language	Update	Word Count
	CLAIMS B	(English)	9809	1026
	CLAIMS B	(German)	9809	833
	CLAIMS B	(French)	9809	1283
	SPEC B	(English)	9809	22438

```
Total word count - document A          0
Total word count - document B      25580
Total word count - documents A + B 25580
```

INTERNATIONAL PATENT CLASS: G06F-017/30 ...

...G06F-015/16
...SPECIFICATION in Postel, "Transmission Control Protocol," RFC 761
(January 1980) and RFC 793 (September 1981).
  XDR/RPC Layer. This layer provides functions callable from higher level
programs to **run** a designated procedure on a **remote** machine. It also
provides the decoding necessary to permit a client machine to execute a
procedure on the server. For example, a caller process in...

...procedure within the server. When the procedure is complete, a reply
message is generated and RPC passes it back down the stack and over the
network to the caller **client** . RPC is described in Sun Microsystems,
Inc., "RPC: Remote Procedure Call Protocol Specification, Version 2," RFC
1057 (June 1988).
  RPC uses the XDR external data...

  10/3,K/22   **(Item 22 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00410478
WORKSTATION AND METHOD OF OPERATING IT
ARBEITSPLATZ UND ENTSPRECHENDES BETRIEBSVERFAHREN
POSTE DE TRAVAIL ET SA METHODE D'EXPLOITATION
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  HALLIWELL, Harry, 24 Burley Road Winchester, Hampshire SO22 6LJ, (GB)
LEGAL REPRESENTATIVE:
  Bailey, Geoffrey Alan (27921), IBM United Kingdom Limited Intellectual
    Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 437441 A1 910724 (Basic)
                              EP 437441 B1 970618
                              WO 9102305 910221
APPLICATION (CC, No, Date):   EP 89909034 890803; WO 89GB883 890803
PRIORITY (CC, No, Date): EP 89909034 890803; WO 89GB883 890803
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-003/033
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB97	360
CLAIMS B	(German)	EPAB97	386
CLAIMS B	(French)	EPAB97	425
SPEC B	(English)	EPAB97	2246

```
Total word count - document A          0
Total word count - document B       3417
Total word count - documents A + B  3417
```

INTERNATIONAL PATENT CLASS: G06F-003/033

...CLAIMS workstation as claimed in any preceding claim in which said
    display means operates under control of a windowing display control
    program.
  5. A data processing **network** comprising a **workstation** (2) as claimed
    in any preceding claim, at least one **remote** processor (6) for
    running **remote** **applications** (20) and a communication system (4)
    for linking said workstation to said at least one remote processor.
  6. A network as claimed in claim 5...

10/3,K/23   (Item 23 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00404318
System and method for detecting and diagnosing errors in a computer program.
Verfahren und Anordnung zur Fehlererkennung und -Diagnose in einem Computerprogramm.
Procede et dispositif pour la detection et le diagnostic d'erreurs dans un programme d'ordinateur.
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Cobb, Paul Raymond, 5816 Hedgemoor Drive, Raleigh, NC 27612, (US)
  Lennon, Christopher John, 104 E. Gerrell Ct., Cary, NC 27511, (US)
  Long, Kenneth John, 113 Hollow Oak Ct., Cary, NC 27513, (US)
LEGAL REPRESENTATIVE:
  de Pena, Alain et al (15151), Compagnie IBM France Departement de Propriete Intellectuelle, F-06610 La Gaude, (FR)
PATENT (CC, No, Kind, Date): EP 403415 A2 901219 (Basic)
                              EP 403415 A3 911211
APPLICATION (CC, No, Date):   EP 90480075 900529;
PRIORITY (CC, No, Date): US 367403 890616
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-011/00 ; G06F-009/40**
ABSTRACT WORD COUNT: 141

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	786
SPEC A	(English)	EPABF1	5015
Total word count - document A			5801
Total word count - document B			0
Total word count - documents A + B			5801

INTERNATIONAL PATENT CLASS: **G06F-011/00** ...

...**G06F-009/40**

...SPECIFICATION log record is placed on a software problem error log.
   A generic alert is constructed next for software programs executing on a processor in a **computer** **network** that supports generic alerts as illustrated diagrammatically in Figure 10. A number of steps have to be performed in order to construct the generic alert...
...the name of the file that contains the storage dump 40. Once the generic alert 70 is constructed, it is passed from the network management
 program 60 **executing** on **remote** processor 200 via **operating** system 65 to the network management application 75 for processing at the host processor 100. Host operating system 80 then passes the notification to the...

10/3,K/24   (Item 24 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00401483
Method and apparatus for computer program encapsulation.
Verfahren und Vorrichtung zur Verkapselung von Rechnerprogrammen.
Methode et dispositif d'encapsulation de programmes d'ordinateur.
PATENT ASSIGNEE:
  Hewlett-Packard Company, (206033), 3000 Hanover Street, Palo Alto California 94304, (US), (applicant designated states: DE;FR;GB)

INVENTOR:
   Fromme, Brian D., 1308 Hepplewhite Court, Fort Collins, Colorado 80526,
      (US)
LEGAL REPRESENTATIVE:
   Colgan, Stephen James et al (29461), CARPMAELS & RANSFORD 43 Bloomsbury
      Square, London WC1A 2RA, (GB)
PATENT (CC, No, Kind, Date): EP 399822 A2 901128 (Basic)
                              EP 399822 A3 920506
APPLICATION (CC, No, Date):   EP 90305655 900524;
PRIORITY (CC, No, Date): US 358962 890526
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-009/44
ABSTRACT WORD COUNT: 185
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English)   EPABF1   1646
      SPEC A   (English)   EPABF1   12330
Total word count - document A   13976
Total word count - document B   0
Total word count - documents A + B   13976

INTERNATIONAL PATENT CLASS: G06F-009/44

...SPECIFICATION action by the application tool, a subprocess controller
   permits communication with the application tool either on the local host
   computer or on a remote host **computer** through a **network** . The
   subprocess controller determines whether the **application** tool is to be
   executed locally or on a **remote** host computer. When the **application**
   tool is to be executed locally, a request is forwarded directly to the
   application tool. When the **application** tool is to be **executed** on a
   remote host computer, a request is forwarded to the remote host
   computer.
      The method for program encapsulation in accordance with the present
   invention permits an application...

 10/3,K/25   (Item 25 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00401126
Remote execution of database transactions.
Fernausfuhrung von Datenbanktransaktionen.
Execution a distance de transactions de base de donnees.
PATENT ASSIGNEE:
   International Business Machines Corporation, (200120), Old Orchard Road,
      Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
   Copenhaver, Diane Re, 4500 Secluded Hollow, Austin, Texas 78727, (US)
   Horn, Gary Randall, 12046 Lincolnshire, Austin, Texas 78758, (US)
   Jeffries, Lynn Mary, 6300 Sprucewood Cove, Austin, Texas 78731, (US)
LEGAL REPRESENTATIVE:
   Bailey, Geoffrey Alan (27921), IBM United Kingdom Limited Intellectual
      Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 398641 A2 901122 (Basic)
                              EP 398641 A3 921230
APPLICATION (CC, No, Date):   EP 90305214 900515;
PRIORITY (CC, No, Date): US 352079 890515
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-015/40
ABSTRACT WORD COUNT: 212

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English)   EPABF1   496
      SPEC A   (English)   EPABF1   1932

```
Total word count - document A        2428
Total word count - document B           0
Total word count - documents A + B   2428
```

INTERNATIONAL PATENT CLASS: G06F-015/40

...SPECIFICATION computer without a direct access storage device, said
  method comprising the steps of:
   linking said computer without a direct access storage device via a data
network to a **computer** having a direct access storage device and access
  to a database;
   installing database server software code on said computer having a
  direct access storage device; and
   utilizing said computer without a direct **access** storage device to
execute   **remotely** said database server **software** code .via file
  redirection wherein said computer without a direct access storage device
  is utilizable to execute remotely database transactions.
   The present invention provides an...

...CLAIMS without a direct access storage device (30), said method
     comprising the steps of:
      linking said computer without a direct access storage device via a
     data **network** (32) to a **computer** having a direct access storage
     device (28) and access to a database
      installing database server software code on said computer having a
     direct access storage device; and
      utilizing said computer without a direct **access** storage device to
     execute   **remotely** said database server **software** code via file
     redirection wherein said computer without a direct access storage
     device is utilizable to execute remotely database transactions.
     2. A method as claimed...

 10/3,K/26   (Item 26 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00401125
Remote application interface
Fernanwendungsschnittstelle
Interface d'application a distance
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Devany, Estel Paul, 1602 Wildwood Drive, Round Rock, Texas 78681, (US)
  Garrison, Jane Ransom, 12228 Antoinette, Austin, Texas 78727, (US)
  Jacobs, Dwayne Charles, 12704 Cantle Trail, Austin, Texas 78727, (US)
  Jordan II, Lloyd Eugene, 13505 Bayswater Garden, Austin, Texas 78729,
    (US)
LEGAL REPRESENTATIVE:
  Bailey, Geoffrey Alan (27921), IBM United Kingdom Limited Intellectual
    Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 398640 A2 901122 (Basic)
                              EP 398640 A3 921230
                              EP 398640 B1 970423
APPLICATION (CC, No, Date):   EP 90305213 900515;
PRIORITY (CC, No, Date): US 352082 890515
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-017/30
ABSTRACT WORD COUNT: 138

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English) EPABF1   958
      CLAIMS B (English) EPAB97   412
      CLAIMS B   (German) EPAB97   410
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     CLAIMS B    (French)   EPAB97        502
     SPEC A      (English)  EPABF1       3291
     SPEC B      (English)  EPAB97       3315
Total word count - document A            4249
Total word count - document B            4639
Total word count - documents A + B       8888
```

INTERNATIONAL PATENT CLASS: **G06F-017/30**

...ABSTRACT A2
   A system suitable for use on a **computer   network** provides a user
interface (10) on a local node and an **application** (34) to be **run** on a
remote node. An **application** (14,30) for accepting input from the user
and translating it to appropriate commands for the remote application is
divided, and located partially on the...

...SPECIFICATION a transaction result to the local node over a network
communications link.
   In preferred embodiments of the invention a system suitable for use on
a **computer   network** provides a user interface on a local node and an
application to be **run** on a **remote** node. An **application** for
accepting input from the user and translating it to appropriate commands
for the remote application is divided, and located partially on the local
node...

...SPECIFICATION local network node as a second single message over the
communications link.
   In preferred embodiments of the invention a system suitable for use on
a **computer   network** provides a user interface on a local node and an
application to be **run** on a **remote** node. An **application** for
accepting input from the user and translating it to appropriate commands
for the remote application is divided, and located partially on the local
node...

 10/3,K/27   (Item 27 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00361751
Expert system for security inspection of a digital computer system in a
   network environment.
Expertensystem   fur   die   Sicherheitsuntersuchung   eines   digitalen
   Rechnersystems in einer Netzwerkumgebung.
Systeme expert pour l'inspection de securite d'un systeme de calculateur
   numerique dans un environnement de reseau.
PATENT ASSIGNEE:
  DIGITAL EQUIPMENT CORPORATION, (313081), 111 Powdermill Road, Maynard
     Massachusetts 01754-1418, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Teng, Henry Shao-Lin, 39 Britt Lane, Groton Massachusetts 01450, (US)
LEGAL REPRESENTATIVE:
  Goodman, Christopher et al (31122), Eric Potter & Clarkson 14 Oxford
     Street, Nottingham NG1 5BP, (GB)
PATENT (CC, No, Kind, Date): EP 329415 A2 890823 (Basic)
                              EP 329415 A3 920226
APPLICATION (CC, No, Date):   EP 89301442 890215;
PRIORITY (CC, No, Date): US 157482 880217
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-001/00**
ABSTRACT WORD COUNT: 126

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
```
Available Text  Language   Update     Word Count
     CLAIMS A   (English)  EPABF1        119
     SPEC A     (English)  EPABF1       9666
Total word count - document A           9785
```

Total word count - document B   0
Total word count - documents A + B   9785

INTERNATIONAL PATENT CLASS: **G06F-001/00**

...SPECIFICATION password.
    A network default account inspector 12 is used if the computer system
    includes a plurality of nodes interconnected by way of, for example, a
    network . In one specific **computer** system, the operating system at each
    node provides a default account which is used by a process, termed an
    object, to activate the network at that node. The network default account
    inspector 12 determines whether a user can **execute** a **program** or
    enable a **remote** node to **execute** an **applications**   **program** while in
    the default account.
    In addition, in one specific computer system, the programs which a user
    may execute are assigned one or several of...

 10/3,K/28   (Item 28 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00348840
Communication line controller.
Übertragungsleitungssteuerung.
Controleur de ligne de communication.
PATENT ASSIGNEE:
   TANDEM COMPUTERS INCORPORATED, (524030), 19333 Vallco Parkway, Cupertino
      California 95014-2599, (US), (applicant designated states:
      AT;BE;CH;DE;FR;GB;IT;LI;NL;SE)
INVENTOR:
   Greig, David Albert, 1140 Trinity Drive, Menlo Park California 94025,
      (US)
   Hinders, David Lee, 10775 La Rodrive, Cupertino California 95014, (US)
   Goodman, William Robert, 2444 Indian Drive, Palo Alto California 94303,
      (US)
LEGAL REPRESENTATIVE:
   Ayers, Martyn Lewis Stanley et al (42851), J.A. KEMP & CO. 14 South
      Square Gray's Inn, London, WC1R 5EU, (GB)
PATENT (CC, No, Kind, Date): EP 346946 A1 891220 (Basic)
                              EP 346946 B1 930414
APPLICATION (CC, No, Date):   EP 89115044 841114;
PRIORITY (CC, No, Date): US 551283 831114
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; NL; SE
RELATED PARENT NUMBER(S) - PN (AN):
   EP 147046 (EP 843078767)
INTERNATIONAL PATENT CLASS: **G06F-013/38 ; G06F-011/16**
ABSTRACT WORD COUNT: 130

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	546
CLAIMS B	(German)	EPBBF1	527
CLAIMS B	(French)	EPBBF1	699
SPEC B	(English)	EPBBF1	4100

Total word count - document A   0
Total word count - document B   5872
Total word count - documents A + B   5872

INTERNATIONAL PATENT CLASS: **G06F-013/38** ...

...**G06F-011/16**

...SPECIFICATION microprocessor module receives down-loadable software
    protocol programs from the processors of the computer system. This
    permits upgrades or modification of the protocol program stored **in   the**
    line **controller** while the line controller is operational, that is, the

line controller is powered and communicating with the controller. A
substitution of an **interface** module is made when a **remote**
communications **port** requires a different electronic line level
protocol.
 The microprocessor module and the interface module within the line
controller connect together over interface lines within the...

 10/3,K/29 **(Item 29 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00287965
Data processing network with updating of files.
Datenverarbeitungsnetzwerk mit Aktualisierung von Dateien.
Reseau de traitement de donnees avec mise a jour de fichiers.
PATENT ASSIGNEE:
 International Business Machines Corporation, (200120), Old Orchard Road,
 Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
 Alderson, Graham Richard, 31 Fir Croft Drive Chandlers Ford, Eastleigh
 Hants, SO5 2HE, (GB)
 MacFarlane, Peter Robert, 16 Fordington Avenue, Winchester Hants, SO22
 5AW, (GB)
 Mori, Tohru, Rose Shounan 201, 1038 Shimo-tsuchidana, Fujisawa-shi
 Kanagawa-ken, 252, (JP)
LEGAL REPRESENTATIVE:
 Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual
 Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 284924 A2 881005 (Basic)
 EP 284924 A3 900307
 EP 284924 B1 931103
APPLICATION (CC, No, Date):   EP 88104339 880318;
PRIORITY (CC, No, Date): GB 8707848 870402
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-009/44 ; G06F-015/16**
ABSTRACT WORD COUNT: 247

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
 CLAIMS B (English) EPBBF1   300
 CLAIMS B (German)   EPBBF1   302
 CLAIMS B (French)   EPBBF1   357
 SPEC B   (English) EPBBF1   3574
Total word count - document A   0
Total word count - document B   4533
Total word count - documents A + B   4533

INTERNATIONAL PATENT CLASS: **G06F-009/44** ...

...**G06F-015/16**

...SPECIFICATION present invention;
 Figure 3 is a chart summarising the operation of the invention;
 Figure 4 is a block diagram showing how a host-based computer
program may be implemented to update data **files** at a **remotely**
connected personal **computer** ; and
 Figure 5 shows the preferred structure of the data files.
 Referring now to Figure 1, a data processing network consists of a host
processor...

 10/3,K/30 **(Item 30 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00263497

Data link and method of transferring data for personal computer system
Datenubermittlungsstrecke und Verfahren zur Datenubertragung fur
    personliches Rechnersystem
Liaison de donnees et methode de transfert de donnees pour systeme
    d'ordinateur personnel
PATENT ASSIGNEE:
  Sun River Corporation, (923340), 108 Business Park Drive Suite G, Jackson
    Mississippi 39213, (US), (applicant designated states:
    AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;NL;SE)
INVENTOR:
  Youngblood, Gerald F., 4244 Athens Drive, Jackson Mississippi 39211, (US)
  Hughes, Ron D., 704 Greenbrook Drive, Ridgeland Mississippi 39157, (US)
  Rice, Kester B., 207 Traceland Drive, Madison Mississippi 39110, (US)
LEGAL REPRESENTATIVE:
  Senior, Alan Murray et al (35712), J.A. KEMP & CO., 14 South Square,
    Gray's Inn, London WC1R 5LX, (GB)
PATENT (CC, No, Kind, Date): EP 270896 A2 880615 (Basic)
                              EP 270896 A3 900919
                              EP 270896 B1 970409
APPLICATION (CC, No, Date):   EP 87117245 871123;
PRIORITY (CC, No, Date): US 938848 861208
DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: G06F-013/12 ; G06F-013/40
ABSTRACT WORD COUNT: 196

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	990
CLAIMS B	(English)	EPAB97	1208
CLAIMS B	(German)	EPAB97	1100
CLAIMS B	(French)	EPAB97	1404
SPEC A	(English)	EPABF1	4477
SPEC B	(English)	EPAB97	4590
Total word count - document A			5467
Total word count - document B			8302
Total word count - documents A + B			13769

INTERNATIONAL PATENT CLASS: G06F-013/12 ...

...G06F-013/40
...SPECIFICATION industry standard for electronic data transfer between
  computers and remote terminals.
    The invention is illustrated with a system for connecting a number of
  relatively unsophisticated **remote** terminals to a host **controller** . The
  host controller executes the **applications** software in response to
  commands received from the remote terminals in real time on an
  interactive, time-share basis. Alternately, the invention permits linking
  remote, autonomous personal **computers** in an interactive, real time
 network so that the PC's can exchange information, including video
  information, in real time.
  BRIEF OF DESCRIPTION OF THE DRAWINGS
      Figure 1 is a block...

...SPECIFICATION industry standard for electronic data transfer between
  computers and remote terminals.
    The invention is illustrated with a system for connecting a number of
  relatively unsophisticated **remote** terminals to a host **controller** . The
  host controller executes the **applications** software in response to
  commands received from the remote terminals in real time on an
  interactive, time-share basis. Alternately, the invention permits linking
  remote, autonomous personal **computers** in an interactive, real time
 network so that the PC's can exchange information, including video
  information, in real time.

BRIEF OF DESCRIPTION OF THE DRAWINGS

    Figure 1 is a block...

00255124
Multiple CPU program management.
Programmverwaltung fur mehrere zentrale Verarbeitungseinheiten.
Gestion de programmes de plusieurs unites centrales de traitement.
PATENT ASSIGNEE:
   International Business Machines Corporation, (200120), Old Orchard Road,
     Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)
INVENTOR:
   Crossley, James Forrest, 2570 Runic Way, Alpharetta Georgia 30201, (US)
LEGAL REPRESENTATIVE:
   Buff, Henri C. (14401), Compagnie IBM France Departement de Propriete
     Intellectuelle, F-06610 La Gaude, (FR)
PATENT (CC, No, Kind, Date):   EP 254854 A2 880203 (Basic)
                               EP 254854 A3 900509
                               EP 254854 B1 940302
APPLICATION (CC, No, Date):   EP 87108645 870616;
PRIORITY (CC, No, Date): US 890389 860729
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: **G06F-009/46** ; **G06F-015/16**
ABSTRACT WORD COUNT: 241
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	358
CLAIMS B	(German)	EPBBF1	364
CLAIMS B	(French)	EPBBF1	411
SPEC B	(English)	EPBBF1	6054
Total word count - document A			0
Total word count - document B			7187
Total word count - documents A + B			7187

INTERNATIONAL PATENT CLASS: **G06F-009/46** ...

...**G06F-015/16**

...ABSTRACT A2
   A procedure which allows users of a computer system comprising a
 plurality of **computers** connected in a local area **network** to share
 both file resources and application programs on the local area network
 without modification to existing programs which were designed to run in a
 non-network environment is disclosed. The local area **network** comprises
 a server **computer** and at least one remote **computer** . Starting the
 network comprises an initial program load of the operating system for
 each of the **computers** , loading the local area **network** control
 program, and then loading a hypervisor or "node enabler" program. At each
 of the remote computers, a request to load a program or access...

...can be run on the network without conflicts with other systems including
 the server computer. The server computer also maintains a list of
 currently running **programs** and **accessed** data files. By comparing the
 remote computer request with the **program** matrix and the list of
 currently running programs and accessed data files, a decision to grant a
 remote computer's request is made. In addition, by recording a unique
 identification number for each remote **computer** signed on to the
 network at the server **computer** , control of access to licensed programs
 is maintained.   ...

...SPECIFICATION different CPUs independently of each other, but they may
 share I/O devices.
   The subject invention was conceived as a result of having a large
 number of **computer** software application programs which were designed
 to execute in a single user environment and needed to migrate to a

multi-user/multi-tasking operating environment did not support file sharing or record locking, so any **attempt** **to** modify the application programs **to** support these features would require compiler changes or adhoc assembler calls to accomplish the file support **required** . A further **complication** to the task was the fact that, due to the large number of application programs, no one person nor computer system understood how each **program** was using the data files **accessed** by the **programs** . Some of the application programs required temporary work files. When the same program was running on two different systems using a temporary file with a...

...network used for implementation was the IBM Local Area Network (LAN) for the IBM Personal Computer. It supports two basic types of logical systems: server **systems** which share their devices **with** other **computers** **on** the **network** , and remote systems which use devices attached to the server systems. The server systems generally provided access to their disk files and printers to **remote** systems. **The caveat** to **this** protocol was **when** files were concurrently required by other systems, the default was non-share; i.e., **only** one **computer** system and its application program at a time could open a non-share file. When multiple application programs across multiple systems required file access, a...execution of a program, the user table in the server system is updated to reflect this new piece of control information. If a conflict during **program** loading is received by the **remote** system, a message **is** **placed** on **the** **user** 's display screen inviting **them** to **retry** the request until the conflict is resolved or to cancel the current program load request.

Second, all file open requests are intercepted by the hypervisor...

...of earlier programming techniques employed. Further, the names of temporary work files might be changed to enhance the concurrency aspect of the applications in a **network** /multi-tasking **environment** . Under certain conditions when an application is reading or writing selected application control file records, these requests are also intercepted by the hypervisor and the record is changed as the multi-user environment dictates.

Further in the practice of the invention, as a matter of **program control** certain application **programs** are not allowed to **execute** on **remote** **computer** systems but only on the **server** /resource manager **computer** system.

As an additional level of program usage control, the issue of insuring that only properly licensed **users** **could** successfully **operate** on **the** **network** needed to be **considered** . **The** user can purchase the base applications (any where from 70 to 400 programs) and can then install the programs on the server system as in any single user **computer** **system** application. In order for additional users to operate within the network environment, each additional user is required to purchase an application network authorization diskette. Each...

...is as follows. Each remote user is required to make a copy of their network authorization diskette. The original of the network authorization diskette is **used** by the person **operating** on the **server** system, and **the** copy is used by the first remote computer system. Before any remote users could start using application programs, the server system is required to start its **network** hypervisor. **Only** then can any of the remote systems successfully start their hypervisors. As the remote systems start, their unique network diskette serial number is sent to...

...also provides for recognition of remote computer systems disconnecting or removing themselves gracefully from the network and appropriately logs these systems off of the application **network** .

One advantage of this **method** is that the program code which distributes or "enables" the execution of function remotely from the server is an individual **program** which is loaded into each **remote** computer. The same is true for the program code which is entered into the server computer. The "node enabler" product, as the two programs may...

...following detailed description of a preferred embodiment with reference

to the drawings, in which:

Figure 1 is a simplified block diagram showing a local area **network** composed of a server **computer** and one remote or requestor node with the "node enabler" product installed; and

Figures 2 to 10 are logic flow diagrams showing the details of...

...the drawings. As illustrated in Figure 1, a local area network is comprised of at least two computers 10 and 12 connected via a communications **network** 14. One of **these** **computers** 10 is designated as the server, and it includes storage devices 16 for storing data files and application programs which are to be available for access on the **network** . The other **computer** 12 is designated as a remote or requestor node and it too may include storage devices 18 for storing a subset of programs, although these programs would not be shared on the network. Further, as indicated in Figure 1, the base product or licensed application program 20 is installed on **the** server **computer** . The "node enabler" program 22 with a license under the base product 20 is installed on the requestor node 12 **and** entitles the requestor node to **run** the **application** **program** .

The process of starting **computer** systems on a **network** consists of starting the operating system, otherwise known as Initial Program Load (IPL), starting the PC Network (i.e., the LAN software), and starting the ...

...is what has been referred to as the "node enabler" and functions slightly differently depending on whether it is running either the server system or **the** **remote** **system** .

On the server system, there are two parts to the hypervisor. The first part acts as an extension to the PC Network, via its post...

...to go through the network. This is because the server system could also have a user running an application on the computer system.

On the **remote** system, the hypervisor intercepts appropriate **operating** system calls from the **application** **programs** and converts them to a form acceptable to file sharing and record locking techniques of the **operating** system. **The** **operating** system then directs any **file** **and** program requests to the server system that could not be satisfied locally. Any special data control block information required by the post routine is generated and passed to the server system by the PC network program.

The hypervisor is distributed on **a** diskette for personal **computers** such as the IBM PC. Each diskette has a unique serial number encoded in a file named SERIAL. For each remote system that a user...

...a call to the server base and checks the control block for a request to establish the remote computer as a new user on the **network** . Within the control **block** is a user serial number which should conform to a set pattern (such as a check sum). The decision in decision block D2 insures that...

...other hand, if the outcome of decision block D3 is true, then decision block D4 insures that the host or server system is not currently **running** a **program** **which** requires the use of dedicated host resources. If the outcome of decision block D4 is true, the control block is reformatted in function block P3...

...and will not accept any remote stations to log on at this time. Once again, the contents of the control block are returned to the **remote** system which initiated **the** request. On the other **hand** , if the outcome of decision block D4 is false, the control block is reformatted in function block P4 to indicate the remote system has successfully the event a remote **computer** is powered off or restarted **via** **an** IPL, the network control program will supply a control block with the appropriate remote system's address. The decision in decision block D5 checks for...

...CLAIMS B1
1. A method for allowing one or more remote computers to execute one or more application programs and to share data files under **the** control

of a server **computer** (10) connected in a **network** (14) with **said**
one or more **remote** **computers** (12) without modification of
existing application programs which were designed to run in a non-
network **environment** comprising:
    establishing at said server computer a program matrix with entries
indicating whether a program can be run while another program or
group of programs are being run on the **network** ;
    maintaining **at** said server **computer** a list of the programs
currently **being** run on the **network** and data files currently being
accessed or otherwise not available for access (P10, P12, P13);
    transmitting to said server computer from each remote computer a...

...provide an indication that the remote computers are authorized to use
application programs and access data files (P4);
    converting a data management request originating at **said** server
computer or one of said remote computers into a file sharing and
record locking protocol request message;
    transmitting said file sharing and record locking protocol request
...

...computers to said server computer;
    checking said program matrix and said list to determine (P7) if
said request message poses a conflict with a currently **running**
program ; and
    checking the **recorded** unique identifications of the **remote**
computers to determine if the remote computer which transmitted said
request message is authorized to **run** an **application** **program** or
access a data file (D2,D3,D4).
  2. The method according to claim 1 characterized in that it further
comprises:
    granting said request message if the

 10/3,K/32   **(Item 32 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
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00235011
SECURE COMPUTER SYSTEM.
GESICHERTES RECHNERSYSTEM.
SYSTEME INFORMATIQUE AVEC SECURITE.
PATENT ASSIGNEE:
  PHILIPSZ, Basil Eliseus, (849090), 4A Erlington Avenue Firswood,
    Manchester M16 0FW, (GB), (applicant designated states: GB;LU;NL;SE)
INVENTOR:
  PHILIPSZ, Basil Eliseus, 4A Erlington Avenue Firswood, Manchester M16 0FW
    , (GB)
LEGAL REPRESENTATIVE:
  Allman, Peter John et al (27671), MARKS & CLERK Suite 301 Sunlight House
    Quay Street, Manchester M3 3JY, (GB)
PATENT (CC, No, Kind, Date): EP 236412 A1 870916 (Basic)
                              EP 236412 B1 920429
                              WO 8701835 870326
APPLICATION (CC, No, Date):   EP 86905362 860911; WO 86GB541 860911
PRIORITY (CC, No, Date): GB 8522569 850912
DESIGNATED STATES: GB; LU; NL; SE
INTERNATIONAL PATENT CLASS: G06F-001/00
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS B (English)   EPBBF1   713
      CLAIMS B   (German)   EPBBF1   665
      CLAIMS B   (French)   EPBBF1   744
      SPEC B   (English) EPBBF1   7781
Total word count - document A   0
Total word count - document B   9903

Total word count - documents A + B   9903

INTERNATIONAL PATENT CLASS: **G06F-001/00**

...SPECIFICATION The system can prevent an unauthorised user of a program
accessing a network or multi-user computer system;
        (6) The system can prevent users on **networks** of **computers** ,
either local networks or **remote**   **networks** , from illegally **executing**
programs or accessing databases for which they do not have appropriate
access privileges;
        (7) The system can limit physical access to or the processing of
specific...

 10/3,K/33   **(Item 33 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
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00208684
Communication control apparatus.
Ubertragungssteuervorrichtung.
Appareil de commande de communications.
PATENT ASSIGNEE:
  KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho Saiwai-ku,
    Kawasaki-shi Kanagawa-ken 210, (JP), (applicant designated states:
    DE;FR;GB)
INVENTOR:
  Tamaru, Kiichiro, 1-12-12, Seta, Setagaya-ku Tokyo-to, (JP)
LEGAL REPRESENTATIVE:
  Eitle, Werner, Dipl.-Ing. et al (3344), Hoffmann, Eitle & Partner
    Patentanwalte Arabellastrasse 4, W-8000 Munchen 81, (DE)
PATENT (CC, No, Kind, Date): EP 217351 A2 870408 (Basic)
                              EP 217351 A3 890607
                              EP 217351 B1 911121
APPLICATION (CC, No, Date):   EP 86113403 860930;
PRIORITY (CC, No, Date): JP 85216840 850930
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-015/16** ; **G06F-013/42** ; **G06F-009/44**
ABSTRACT WORD COUNT: 84

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	456
CLAIMS B	(German)	EPBBF1	365
CLAIMS B	(French)	EPBBF1	539
SPEC B	(English)	EPBBF1	2335
Total word count - document A			0
Total word count - document B			3695
Total word count - documents A + B			3695

INTERNATIONAL PATENT CLASS: **G06F-015/16** ...

...**G06F-013/42** ...

...**G06F-009/44**

...SPECIFICATION added.
    In order to attain the above objects, a communication control apparatus
according to the present invention includes a transmit-receive circuit
connected to a **computer**   **network** so **as**   **to** communicate between the
local station and other remote stations, a rewritable storage unit in
which a communication program is stored, a comparison unit for
determining...

...than that of the communication control program stored in the storage
unit, and a controller for allowing the local station and a remote
station to **communicate** therebetween using a communication **control**

program of the **latest** version compatible therebetween on the basis of the output of the comparison unit. This allows smooth communication between stations where different versions of the program...

...CLAIMS B1
1. A communications control apparatus provided in each computer system for communication between **computer** systems linked by a **computer network** comprising a transmit-receive circuit (1) connected to said **computer network** so as to communicate between the local station and other remote stations characterized in that said communication control apparatus comprises a rewritable storage unit(4...

...than that of the communication control program stored in said storage unit; and

a controller(3) for performing communication between said local station and a **remote** station using a communication **control program** of the latest version compatible therebetween on the basis of an output of said comparison unit.
2. A communication control apparatus as set forth in...

10/3,K/34   (Item 34 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00170004
Maintenance subsystem for computer network.
Wartungssubsystem fur Rechnernetzwerk.
Sous-systeme de maintenance pour reseau de calculateurs.
PATENT ASSIGNEE:
  UNISYS CORPORATION, (842794), Township Line and Union Meeting Roads P.O. Box 500, Blue Bell, PA 19424-0001, (US), (applicant designated states: DE;FR;GB;NL)
INVENTOR:
  Andreasen, David A., 882 Goshen Rd., Newton Square PA 19073, (US)
  Armstrong, John H., 24992 La Plata, Laguna Niquel CA 92677, (US)
  Buggert, Jerrold E., 29682 Orinda, San Juan Capistrano 92675, (US)
  Desai, Harshad K., 21901 Calderas Street, Mission Viejo CA 92691, (US)
  Baumgardner, Stephen D., 22061 Sundowners Lane, El Toro CA 92630, (US)
  Buckmaster, Kenneth E., 40, Treesmill Drive, Cox Green Maidenhead SL6 3HR , (GB)
  Hussain, Zubair, 1271 Vincente Drive, 178, Sunnyvale CA 94086, (US)
LEGAL REPRESENTATIVE:
  EGLI-EUROPEAN PATENT ATTORNEYS (100913), Widenmayerstrasse 5, W-8000 Munchen 22, (DE)
PATENT (CC, No, Kind, Date):   EP 179425   A2   860430 (Basic)
                               EP 179425   A3   880831
                               EP 179425   B1   930526
APPLICATION (CC, No, Date):   EP 85113330 851021;
PRIORITY (CC, No, Date): US 664670 841025
DESIGNATED STATES: DE; FR; GB; NL
INTERNATIONAL PATENT CLASS: **G06F-011/22**
ABSTRACT WORD COUNT: 141

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1424
CLAIMS B	(German)	EPBBF1	1377
CLAIMS B	(French)	EPBBF1	1687
SPEC B	(English)	EPBBF1	14799
Total word count - document A			0
Total word count - document B			19287
Total word count - documents A + B			19287

INTERNATIONAL PATENT CLASS: **G06F-011/22**

...SPECIFICATION remote support-diagnostic center via a power control card

unit said power control card unit means including:
        protocol circuit means providing bidirectional communication with
said **remote** support center means;
        means to **execute**   **instructions** for powering on or powering off
any said connected unit in said **computer**   **network** ;
        means to detect power failures in the power modules of any said unit
connected in the computer network;
        means to transmit power status information to...

 10/3,K/35   **(Item 35 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00382193
METHOD AND APPARATUS FOR RATE GOVERNING COMMUNICATIONS
PROCEDE ET DISPOSITIF PERMETTANT DE CONTROLER DES COUTS DE COMMUNICATIONS
Patent Applicant/Assignee:
  MOTOROLA INC,
Inventor(s):
  EGGLESTON Gene,
  HANSEN Mitch,
  KREBS Richard,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9722936 A1 19970626
  Application: WO 96US19689 19961212   (PCT/WO US9619689)
  Priority Application: US 95574528 19951219
Designated States: CA CN GB
Publication Language: English
Fulltext Word Count: 9856

Main International Patent Class: **G06F-013/00**
International Patent Class: **G06F-13:10**
Fulltext Availability:
  Detailed Description

Detailed Description
... second data processing device (e.g., a host
  system). The session-oriented communication protocol (including
  network and application layer protocols) with the host system
  permits **remote**   **access** to, e.g., LAN-based **applications** , while the
  virtual session, via a sessionless-oriented communication protocol,
  between the VSM and remote (i.e., coupled via a tariffed **network** or
  connection) **client** permits this access to be carried out without the
  expense of a dedicated/circuit switched connection.

  In a second main embodiment, a prestage filter stage...

 10/3,K/36   **(Item 36 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00380434
DATABASE ACCESS
ACCES A UNE BASE DE DONNEES
Patent Applicant/Assignee:
  BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY,
  JAMES Derek Robert,
Inventor(s):
  JAMES Derek Robert,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9721177 A1 19970612
  Application: WO 96GB2977 19961202   (PCT/WO GB9602977)
  Priority Application: GB 95308682 19951201
Designated States: AU CA CN JP KR MX NO NZ SG US AT BE CH DE DK ES FI FR GB
  GR IE IT LU MC NL PT SE
Publication Language: English

Main International Patent Class: G06F-017/30
Fulltext Availability:
  Detailed Description
Detailed Description
... present invention may be
  implemented.

  A fileserver 100, for example a computing platform running the UNIX
  operating system, runs network and database management system (DBMS)
  software suitable for providing **remote** database **access** to a
  plurality of **clients** 130 1 5 over a **network** 140. In this description,
  unless otherwise stated, the term ji client" will be used to describe
  both the physical **computer** 130 connected to the **network** 140 and an
  operator of the **computer** . In a local area **network** environment, a
  suitable network might be an Ethernet network running

 10/3,K/37   (Item 37 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00377775
A METHOD AND APPARATUS FOR MAKING A HYPERMEDIUM INTERACTIVE
PROCEDE ET APPAREIL PERMETTANT DE RENDRE INTERACTIF UN VOLUME A HYPERLIENS
Patent Applicant/Assignee:
  CITRIX SYSTEMS INC,
Inventor(s):
  MUIR Jeff,
  STERGIADES Andrew L,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9718518 A1 19970522
  Application: WO 96US17937 19961108   (PCT/WO US9617937)
  Priority Application: US 95556623 19951113
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
  MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD
  SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU
  MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 3017

Main International Patent Class: G06F-017/30
Fulltext Availability:
  Detailed Description

Detailed Description
... the next connection.

  Fig. 2 depicts the operation of the system in more detail. Initially, the
  client agent 72 is registered (Step 1) with the **network** browser 64 of
  the **client** node 10 and an entry is made in the network browser's
  registration file 88 (Fig. 1). This entry permits the **network** browser
  64 to start the **client** agent 72 whenever a given file type is requested
  by the hyperlink 48, 56 of the hypermediurn 40. In this case the client
  agent 72 is designed to pernuit a user on the client node IO to **execute**
  and interact with a **remote** **application** 3 6 on an **application**
  execution server node 24. The client agent 72 would be registered with
  the network browser 64 such that whenever a hyperlink 48, 56 requested
  the given file type (for example RMT for remote execution) from the
  network browser 64, the **network** browser 64 would start the **client**
  agent 72 which would permit **remote** **execution** and interaction with an
 application 36 resident on an application execution server 24. The
  invoking of the client agent 72 is discussed in more detail below.
  Next, when a user...

00364066
TRANSACTION LOG MANAGEMENT IN A DISCONNECTABLE COMPUTER AND NETWORK
GESTION DES RELEVES DE MOUVEMENTS DANS UN ORDINATEUR ET UN RESEAU POUVANT
    ETRE DECONNECTES
Patent Applicant/Assignee:
  NOVELL INC,
  FALLS Patrick T,
  COLLINS Brian J,
  DRAPER Stephen P W,
Inventor(s):
  FALLS Patrick T,
  COLLINS Brian J,
  DRAPER Stephen P W,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9704391 A1 19970206
  Application: WO 96US11903 19960718 (PCT/WO US9611903)
  Priority Application: US 951245 19950720
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ
  PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG
  AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL
  PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 19718

Main International Patent Class: **G06F-011/14**
International Patent Class: **G06F-09:46** ...

...**G06F-17:30**
Fulltext Availability:
  Detailed Description

Detailed Description
... stored on these media are not necessarily conven
  tional even though the associated devices and controllers 54
  may themselves be known in the art.

  Each **computer** 40 also has a **network** link manager 50 that
  is capable of establishing a **network** connection 52 with another
  disconnectable **computer** 40, Suitable **network** link managers 50
  include those capable of providing remote procedure calls or an
  equivalent communications and **control** capability. one
  embodiment utilizes "DataTalk" **remote** procedure call,**software**
  with extended NetWare Core Protocol calls and provides
  functionality according to the following interface.

  rpc.inito Initialize RPC subsystem
  rpc@
  shutdowno Shutdown RPC subsystem
  rpc...

00364058
SHARED VIRTUAL DESKTOP COLLABORATIVE APPLICATION SYSTEM
SYSTEME D'APPLICATION COMMUN DE BUREAU VIRTUEL PARTAGE
Patent Applicant/Assignee:
  DIAMOND MULTIMEDIA SYSTEMS INC,
Inventor(s):
  WRIGHT Daniel W,
Patent and Priority Information (Country, Number, Date):

Detailed Description
... shared application space.
  2. Descrintion of the Related Art.

  With the recent expansion in the variety of
  information technologies and the distribution of
  information among **network** interconnected, or inter
  networked   computer systems and users, a need has arisen
  to coordinate the exchange and development of
  information by users typically at separate and
  potentially heterogeneous computers systems...

  ...in the f orm of a
  window permits some small conventional degree of
  flexibility in controlling where underlying data and
  programs are stored, whether an **application   program** is
  locally or **remotely   executed** and whether the display
  window or windows utilized by the particular application
  are locally or remotely displayed. Although these
  degrees of flexibility are conventionally available...

 10/3,K/40   (Item 40 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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Detailed Description
... of the Expansion ROM usage follows. In the
  example, the Expansion ROM is used on a token ring add-in
  board which attaches the PCI **computer** systems to a token
  ring **network** ,
  The token ring add-in board provides an Expansion ROM
  which includes code for a "Remote Program Load" function,

Remote Program Load provides the ability...

...the add-in board's Expansion ROM issues a request
over the local area network to have a server system send
a copy of the **operating** system, As the **remote** **program**
load code receives the **operating** system code, it loads it
into the local computer system's main memory and passes
control to the operating system when complete.

The vast majority...

 10/3,K/41 **(Item 41 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00348333
AN INTEGRATED DEVELOPMENT PLATFORM FOR DISTRIBUTED PUBLISHING AND
   MANAGEMENT OF HYPERMEDIA OVER WIDE AREA NETWORKS
PLATE-FORME DE DEVELOPPEMENT INTEGREE POUR LA PUBLICATION ET LA GESTION
   REPARTIES D'HYPERMEDIA SUR DES RESEAUX LONGUE PORTEE
Patent Applicant/Assignee:
  NAVISOFT INC,
Inventor(s):
  DOZIER Linda T,
  WILLIAMS George W V,
  LONG Dave,
  MCKEE Douglas M,
  DAVIDSON James G,
  BRADY Karen,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9630846 A1 19961003
  Application: WO 96US1686 19960321 (PCT/WO US9601686)
  Priority Application: US 95412981 19950328
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
  PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AT BE
  CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML
  MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 177634

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description

Detailed Description
... requesting small pages, two requesting large pages). We ran the tests
  on a local network, with no other traffic, in the following
  configurations.

  NaviServer, Unix **operating** system, on a Hewlett-Packard 715/80 with
  64
  Mbytes memory;
  Netsite, Unix operating system, on the same H-P 715/80 as above;
  CERN...is another MiniWeb that contains a few pages that you will need.
  You will now open this MiniWeb and merge it into your main support **web** .
  Choose the menu item File@>Open, and open the following NfiniWeb.
  http://navisoft.com/test/example2
  This MiniWeb contains three actual pages, and the rest...

 10/3,K/42 **(Item 42 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00314327
IMPROVED SYSTEM FOR MONITORING AND REPORTING MEDICAL MEASUREMENTS

SYSTEME AMELIORE POUR CONTROLER ET ETABLIR DES RAPPORTS SUR DES MESURES
   MEDICALES
Patent Applicant/Assignee:
  ENACT PRODUCTS INC,
  TACKLIND Christopher A,
  SANDERS Matthew H,
  WALNE Geoffrey B,
Inventor(s):
  TACKLIND Christopher A,
  SANDERS Matthew H,
  WALNE Geoffrey B,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9532480 A1 19951130
  Application: WO 95US6525 19950522 (PCT/WO US9506525)
  Priority Application: US 94247727 19940523
Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU
  IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD
  SE SG SI SK TJ TM TT UA US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB
  GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 8638

Main International Patent Class: G06F-019/00
...International Patent Class: G06F
Fulltext Availability:
  Claims

Claim
... indicating the
  measured status of a physiological characteristic of a patient
  and a time stamp indicating when the measured value was
  determined, to a remote **computer** via a telecommunication
  network , with the remote **computer** managing a central data
  base, said system comprising:
  a user input device for generating control
  signals;
  a data memory for storing data;
  a sensor side...

...side telecommunication interface for
  transmitting and receiving data from the telecommunication
  network;
  an interface ID unit for storing an ID code
  uniquely identifying a particular **remote** interface device;
  a micro-**controller** , responsive to **application**
  programs and other data stored in said data memory,, and
  coupled to said sensor side interface to receive a file,
  including a measured value data element ...the transmit file in said
  data memory, and
  said micro-controller for initiating a data transfer protocol
  to transfer said transmit file to said remote **computer** via
  said communication **network** in response to a first control
  signal from said user interface device.
  15a The system of claim 14 further comprising:
  a status indicator for indicating...

 10/3,K/43   (Item 43 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00299567
OBJECT-ORIENTED REMOTE PROCEDURE CALL NETWORKING SYSTEM
SYSTEME DE GESTION DE RESEAU ORIENTE OBJET A APPEL DE PROCEDURE A DISTANCE
Patent Applicant/Assignee:
  TALIGENT INC,
Inventor(s):
  GOLDSMITH Amy M,

GOLDSMITH David B,
PETTUS Christopher E,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9517718 A1 19950629
  Application: WO 94US1501 19940311 (PCT/WO US9401501)
  Priority Application: US 93169795 19931220
Designated States: AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB HU JP KP KR
  KZ LK LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA UZ VN AT BE CH DE
  DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN
  TD TG
Publication Language: English
Fulltext Word Count: 13115

Main International Patent Class: **G06F-009/46**
Fulltext Availability:
  Claims

English Abstract
  Object-oriented **client** -server facility (CSF) and **networking** service
  facility (NSF) interfaces implement communication between application
  programs residing in client and server nodes at a distributed services
  network. The CSF interface includes remote...

  ...Accordingly, the API and RPC objects interact with
  dynamically-configurable protocol stacks within the NSF interfaces to
  complete the transport mechanism needed by an application **program** on
  the client node when **accessing** services on a **remote** server node.

Claim
... for communication over the communications channel.

  13 A client node of a client-server system for implementing remote
  procedure call
  (RPC) services over a distributed **computer** **network** , the **client** node
  interconnected with a server node via a communications channel to form
  the
  client -server **network** , the **client** node comprising:
  (a) an application program for generating service request packets, the
  application
  program stored in a memory of the **client** node;
  (b) a **network** adapter for transmitting and receiving the packets over
  the
  communications channel;
  lo (c) a processor operating to forward the packets between the
  application program
  I...

  ...move the packets to and from the adapter; and
  2 1 (g) a remote stream object for establishing synchronous data stream
  transactions between the application **program** and the protocol stack,
  the **remote** stream object and protocol stack **operating** to complete a
  communications data path within the client node.

  14 The client node as recited in claim 13 , wherein the plurality of
  vertically-linked...the nodes over longterm synchronous transactions.

  22 A server node of a client-server system for implementing remote
  procedure call
  (RPC) services over a distributed **computer** **network** , the server node
  interconnected with a client node via a communications channel to form
  the
  client -server **network** , the server node comprising:
  (a) a task application program for generating service reply packets, the
  application
  program stored in a memory of the server node...

  ...adapter to move the packets to and from the adapter; and
  (g) a remote stream object for establishing synchronous data stream

transactions between the application **program** and the protocol stack, the **remote** stream object and protocol stack **operating** to complete a communications data path within the server node.

23 The server node as recited in claim 22 , wherein the plurality of vertically-linked...directory service.

36 A method for invoking, and responding to, a remote procedure call (RPC) service request at client and server nodes of a distributed **computer network** ,
the nodes coupled to a communications network and including operating systems and application ...of the server node; and
(g) extracting the request from the second data stream using a dispatcher object and passing the request to the server **application** in accordance with the **remote** address for **execution** of the service request.

37 The method as recited in claim 36 , including the step of creating a transport object at the client application for...

 10/3,K/44   (Item 44 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00295431
DATA BACKUP AND RESTORE SYSTEM FOR A COMPUTER NETWORK
SYSTEME   DE   SAUVEGARDE   ET   DE   RESTAURATION   DE   DONNEES   POUR   RESEAU INFORMATIQUE
Patent Applicant/Assignee:
  ARCADA SOFTWARE,
Inventor(s):
  FLETCHER Douglas J,
  DEVOS Steven Robert,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9513580 A1 19950518
  Application: WO 94US12915 19941109 (PCT/WO US9412915)
  Priority Application: US 93488 19931109
Designated States: CA CN JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 13108

Main International Patent Class: **G06F-011/14**

English Abstract
  A **computer network** having a number of **workstations** running disparate operating systems and a file server having a tape driver for backup and restore of data on the network. The filter server **runs** a generic **remote** file system (GRFS) and workstations **run** GRFS agent **programs** which allow the GRFS file system to access data within a workstation having a given GRFS agent program. The GRFS file system interfaces with each...

 10/3,K/45   (Item 45 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00285433
APPARATUS, METHOD AND SYSTEM FOR PRINTING OF LEGAL CURRENCY AND NEGOTIABLE INSTRUMENTS
APPAREIL, PROCEDE ET SYSTEME D'IMPRESSION DE MONNAIE FIDUCIAIRE ET DE TITRES NEGOCIABLES
Patent Applicant/Assignee:
  TSAKANIKAS Peter James,
Inventor(s):
  TSAKANIKAS Peter James,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9503582 A1 19950202

Application: WO 94US6343 19940608   (PCT/WO US9406343)
   Priority Application: US 9394905 19930722; US 93174688 19931228; US
      94230254 19940420
Designated States: AM AU BB BG BR BY CA CN CZ FI GE HU JP KE KG KP KR KZ LK
   LV MD MG MN MW NO NZ PL RO RU SD SI SK TJ TT UA UZ VN AT BE CH DE DK ES
   FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 11089

Main International Patent Class: G06F-013/10
Fulltext Availability:
   Detailed Description

Detailed Description
... currency and negotiable instruments over any form of
   communication lines including narrowband and broadband
   global communication networks.

   The present invention is directed to a global **computer**
   network system and process for printing and dispensing
   legal currency or negotiable instruments at a local or
   remote location using existing communications lines as a
   means for accessing a central **computer** , This global
   networked **computer** system, of the invention, is able to
   access a centralized computer system using a keypad such as
   a conventional Touch-Tone telephone, computer keyboard, or
   other data entry system, A centralized computer system 22,
   as part of the global **network** , is able to access secondary
   computer   **networks** such as banks, foreign exchange networks,
   government financial agencies, and credit agencies from a
   remote location. By entering the appropriate **access** codes
   and personal identification numbers, **instructions** to
   tr ansfer funds from debit or credit accounts can be made,
   A centralized computer system 22., as part of the global
   network, is able...

 10/3,K/46   **(Item 46 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00270460
ARCHIVING FILE SYSTEM FOR DATA SERVERS IN A DISTRIBUTED NETWORK ENVIRONMENT
SYSTEME   DE   FICHIERS D'ARCHIVAGE POUR SERVEURS DE DONNEES DANS UN
   ENVIRONNEMENT INFORMATIQUE REPARTI
Patent Applicant/Assignee:
   LARGE STORAGE CONFIGURATIONS INC,
Inventor(s):
   CROUSE Donald D,
   COVERSTON Harriet G,
   CYCHOSZ Joseph M,
Patent and Priority Information (Country, Number, Date):
   Patent: WO 9418634 A1 19940818
   Application: WO 94US1125 19940131 (PCT/WO US9401125)
   Priority Application: US 9312298 19930201
Designated States: CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 21380

Main International Patent Class: G06F-015/40
International Patent Class: G06F-15:403 ...
...G06F-12:08
Fulltext Availability:
   Detailed Description
   Claims

English Abstract
   ...on a set of hierarchically selectable archival attributes selectively

assigned to each remote file (42). The archiving file system is
completely transparent to the user **program** (22) and **operates** on
remote files (42), by providing a different file control program (40)
and a different file structure on the network data server (14), without
the need to...

...native to a particular operating system program (20) executing on the
user nodes (10) or the standard network file interfaces (34) executing on
the distributed **computer** **network** environment (12). ...

Detailed Description
... Leffler, McKusich, Karels and Quarterman, The Design and
Implementation of the 4.3 BSD Unix@ Operating System, (1990), Chpt. 7,
pp. 187
In a traditional **computer** processing system that is not **networked** ,
the secondary storage system is directly connected to the computer
processor(s), and the user program uses the same procedures in the file
system to access all files stored on the secondary storage system. In a
distributed **computer** **network** environment, however, the user program
must be able to access both local files, i.e. files stored on secondary
storage
systems directly connected to the...

...as remote
files, i.e., files stored on secondary storage systems that are accessed
via a
distributed network. To accommodate this need to allow user **programs** to
access both local and **remote** files in a distributed **computer**
network
environrqent,, certain standardized remote file access capabilities have
been added as an additional software interface layer on top of the
traditional file **control** **program** . Examples of **remote** file
interfaces for a
distributed **computer** **network** environment using the System V operating
system include: Network File System (NFS) and Remote File System
(RFS). For a general background on remote file access in **networked**
computer processing systems, reference is made to Kochan, S., Unix
Networking, Chpts. 4 and 7 (1989) Hayden Books, pp. 93-132 and 203
As the popularity of distributed **computer** **networks** has increased,
the demand to store ever increasing volumes of data as remote files has
also increased. In response to this demand, a number of...

...like a traditional secondary storage device; rather they are
connected to the distributed network itself. Examples of current large
capacity data servers for a distributed **computer** **network** environment
using the System V operating system include: the Epoch-1
InfiniteStorageTM Server available from Epoch Systems, Inc.,
Westborough, Massachusetts; the UniTreeTM Virtual Disk System...the
long-term storage of and access to remote files stored on
network data servers. The archiving file system is completely transparent
to the user **program** and **operates** on **remote** files by providing a
different
file control program and a different file structure on the network data
server, without the need to modify the standard...

...system that is native
to a particular operating system program executing on the user nodes or
the standard network file interfaces executing on the distributed
computer **network** environment.

The archiving file system of the present invention comprises a
unique archiving file structure for logically storing the remote files on
the
secondary storage...

Claim
I 1. A file system that is part of an operating system program executing
in a distributed **computer** processing **network** having a plurality of

computer processors operably connected to one or more data servers each
comprised of a remote secondary storage system for storing one or more
remote files of...

...means for each data server for storing an
identifying name for each remote file stored on that data server and
a pointer to a unique **control** structure means for that **remote** file;
and
program means for responding to a plurality of file requests
from one or more computer programs executing on the distributed
computer processing **network** to operate on an indicated one of the
remote files by selectively accessing the directory structure means
and the control structure means for the data...

 10/3,K/47   (Item 47 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00246224
**AN INTEGRATED REMOTE EXECUTION SYSTEM FOR A HETEROGENOUS COMPUTER NETWORK
    ENVIRONMENT**
**SYSTEME D'EXECUTION A DISTANCE INTEGRE POUR UN ENVIRONNEMENT DE RESEAUX
    INFORMATIQUES HETEROGENES**
Patent Applicant/Assignee:
  AGGREGATE COMPUTING INC,
Inventor(s):
  WRABETZ Joan M,
  MASON D Dean Jr,
  GOODERUM Mark P,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9320511 A1 19931014
  Application: WO 93US3106 19930331 (PCT/WO US9303106)
  Priority Application: US 92861271 19920331
Designated States: AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 18033

Main International Patent Class: **G06F-012/00**
International Patent Class: **G06F-09:44** ...
...**G06F-15:16** ...

...**G06F-15:46**
Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... E., Mishkin, N., Pato, J., and Wyant, G., Network Computing Systems
  Reference Manual, Prentice Hall, Englewood Cliffs, N.J. (1990).

  The primary differences between an **application** -level **remote
 execution** service and an rpc facility are found in the ways in which the
  execution of remote tasks are managed, especially the kinds of tasks
  which...

...is maturing to the point-where there are a growing number of
  applications that could take advantage of the distributed processing
  capabilities of a heterogenous **computer** **network** , there presently are
  no distributed computing tools that can easily and intelligently
  implement a seamless and transparent remote execution service in a
  heterogenous **computer** **network** environment.
  Although prior art remote execution services have operated somewhat
  effectively in a homogenous network environment, they have been difficult
  to implement effectively in a...1, all of the computer processors are
  executing the same version of the operating system program 16. In
  addition, all of tile identical operating system **programs** 16 contain
  an identical **remote** **execution** facility, rex 18. By contrast, in the

heterogenous **network** shown in Fig. 2, different **computer** processors
can be executing different versions of the same operating system program
17a or 17b, or even a different operating system program 17c. Because the
...

Claim
... between the
interface means and the remote execution service.

18 An integrated method for providing resource management and
distributed remote execution services in a heterogenous **computer**
network environment having a plurality of resources loosely coupled to
each other in the network environment, the resources including at least
two or more computer processors...

...service;
(c) in a computer processor operably associated with the resource
information database, perfon-ning the steps of:
(cl) receiving the resource query for the **remote** **execution**
service from the **application** **program** ,
(c2) analyzing the database to determine@ which of the resources
in the network environment match the query parameters and are
available to satisfy the resource...the operating system programs are
different versions of Unix-based operating system programs.

28 A method for managing distributed remote execution services in a
heterogenous **computer** **network** environment having a plurality of
resources loosely coupled to each other in the network environment, the
resources including at least two or more computer processors resource
query for the **remote** **execution**
service from the **application** **program** ,
(c2) analyzing the database to determine which of the resources
in the network environment match the query parameters and are
available to satisfy the resource...

...each resource in a resource definition
database associated with the resource information database.

33 A method for servicing distributed remote execution requests in a
heterogenous **computer** **network** environment having a plurality of
resources loosely coupled to each other in the network environment, the
resources including at least two or more computer processors...

...resource request including information necessary to perform the remote
execution service; and
(b) for each of the selected computer processors that is to perform the
remote **execution** service, **executing** a first **program** on the
selected computer processor to control communication with the remote
execution interface that has sent the resource request to perform the
steps of.
(bl...

...interface, and
(b2) monitoring the status of the remote execution service; and
(c) for each of the selected computer processors that is to perform the
remote **execution** service, **executing** a second **program** that is
initiated by the
first program to perform the remom execution service in response to the
resource request

 10/3,K/48   (Item 48 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00222780
MANAGEMENT INTERFACE AND FORMAT FOR LICENSE MANAGEMENT SYSTEM
INTERFACE DE GESTION ET FORMAT POUR SYSTEME DE GESTION DE LICENCES

Patent Applicant/Assignee:
  DIGITAL EQUIPMENT CORPORATION,
Inventor(s):
  WYMAN Robert Mark,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9220022 A1 19921112
  Application: WO 92US3812 19920506   (PCT/WO US9203812)
  Priority Application: US 91652 19910508; US 91456 19910628; US 91840
    19910628; US 91457 19910628
Designated States: AT AT AU BB BE BF BG BJ BR CA CF CG CH CH CI CM CS DE DE
  DK DK ES ES FI FR GA GB GB GN GR HU IT JP KP KR LK LU LU MC MG ML MR MW
  NL NL NO PL RO RU SD SE SE SN TD TG
Publication Language: English
Fulltext Word Count: 28998

Main International Patent Class: **G06F-001/00**
Fulltext Availability:
  Detailed Description

Detailed Description
... for all such products.

  - 31
  Distributed computing systems present additional licensing issues. A
  distributed system includes a number of processor nodes tied together in
  a **network** of servers and **clients** . Each node is a processor which may
  execute
  programs locally, and may also execute programs or features (subparts of
  programs) via the network. A **program**   **executing** on one node may make
  remote procedure calls to procedures or **programs** on other nodes. In
  this case, some
  provision need be made for defining a license permitting a program to be
  executed in a distributed manner...

  10/3,K/49   (Item 49 from file: 349)
  DIALOG(R)File 349:PCT FULLTEXT
  (c) 2001 WIPO/Univentio. All rts. reserv.

  00125331
  SECURITY AND USAGE MONITORING
  SURVEILLANCE DE SECURITE ET D'UTILISATION
  Patent Applicant/Assignee:
    GUIGNARD Paul,
  Inventor(s):
    GUIGNARD Paul,
  Patent and Priority Information (Country, Number, Date):
    Patent: WO 8503584 A1 19850815
    Application: WO 85AU16 19850204   (PCT/WO AU8500016)
    Priority Application: AU 843451 19840203; AU 847707 19841019
  Designated States: AT AU BE BR CH DE DK FI FR GB JP KR LU NL NO SE US
  Publication Language: English
  Fulltext Word Count: 9742

Main International Patent Class: **G06F-011/30**
International Patent Class: **G06F-11:34**
Fulltext Availability:
  Claims

Claim
... where many such different required key codes are
  held,
  8* A method as claimed in any one of the preceding
  claims further comprising obtaining required
  instructions , information or material from a **remote**
  location prior to **executing** step (a).
  9o A method as claimed in Claim 8 wherein the
  required instructions, information or material is held

where many such different instructions, information...

...of the preceding
claims wherein the device is a computer and the
instructions comprises programmes and the information
comprises data and further comprising effecting a **network**
arrangement of **computers** and permitting said holding
means and said usage register to service and identify
each computer.
11* A method as claimed in any one of Claims...

Set	Items	Description
S1	76936	(REMOTE? OR DISTANCE OR DISTANT? OR TELE)(3N)(EXECUT? OR CONTROL? OR RUN? ? OR RUNNING OR ACTUAT? OR ACTIVAT? OR OPERAT? OR SHUTDOWN? OR SHUT????()DOWN OR CLOSE? OR CLOSING OR UPDAT-???) OR TELECONTROL?
S2	6989332	PROGRAM? ? OR PROGRAMME OR PROGRAMMES OR APPLICATION? OR SOFTWARE OR INSTRUCTION?
S3	3958049	COMPUTER? OR CPU OR CPUS OR CLIENT? OR TERMINAL? OR WORKSTATION? OR WORK()STATION? OR DESKTOP? OR DESK()TOP? ?
S4	1957322	ONLINE OR ON()LINE OR INTERNET? OR INTRANET? OR EXTRANET? OR NETWORK? OR WEB OR LAN OR LANS OR WAN OR WANS OR WAIS
S5	632	S1(5N)S2 AND S3(10N)S4
S6	542	S1(5N)S2 AND S3(5N)S4
S7	401	S6 NOT PY,CY=(1999:2001)
S8	295	S7 NOT PY,CY=(1997:1998)
S9	386	S1(3N)S2 AND S3(3N)S4
S10	287	S9 NOT PY,CY=(1999:2001)
S11	213	S10 NOT PY,CY=(1997:1998)
S12	184	RD (unique items)
S13	159	S12 NOT PY,CY=1996
S14	120	S1(5N)S2/TI,DE AND S3(5N)S4/TI,DE
S15	79	S14 NOT PY,CY=1999:2001
S16	48	S15 NOT PY,CY=1996:1998
S17	47	RD (unique items)
S18	0	AU=(FRESE, V? OR FRESE V?) AND AU=(BLEVINS, W? OR BLEVINS W? OR BLEVINS, B? OR BLEVINS B?)
S19	244	AU=(FRESE, V? OR FRESE V? OR BLEVINS, W? OR BLEVINS W? OR BLEVINS, B? OR BLEVINS B?)
S20	0	S19 AND S1(5N)S2
S21	1	S19 AND S1 AND (S3 OR S4)
S22	106	S1(3N)S2/TI,DE AND S3(3N)S4
S23	15	S22 NOT S14
S24	13	S23 NOT PY,CY=1998:2001
S25	13	S24 NOT PY,CY=1996:1997
S26	12	RD (unique items)

17/5/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC

5115193
 Title: **Business role for** remote control (remote **access** software)
  Author(s): Jarrett, D.
  Journal: PC User   no.269   p.67-8, 70
  Publication Date: 18-31 Oct. 1995 Country of Publication: UK
  CODEN: PCUSDW ISSN: 0263-5720
  Language: English   Document Type: Journal Paper (JP)
  Treatment: Practical (P); Product Review (R)
  Abstract: Remote control is becoming an attractive option for training,
support and even collaborative work, encouraged by the growth of
teleworking and the increasing capability of appropriate tools. Until
recently, it tended to suffer from crude implementation, plus the sluggish
response you get over low-speed networks or slow modem links. Now products
such as Farallon Computing's Timbuktu Pro are giving remote control a good
name. Timbuktu provides file transfer, remote control and messaging for PCs
and Macintoshes running on TCP/IP, IPX and NetBEUI networks. (0 Refs)
  Subfile: D
  Descriptors: **computer   network** management; local area networks;
software reviews; telecontrol
  Identifiers: remote access software; Farallon Computing Timbuktu Pro;
remote control; file transfer; messaging; PCs; Macintoshes; TCP/IP; IPX;
NetBEUI; networks
  Class Codes: D5020 (Computer networks and intercomputer communications)

17/5/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC

03353121   INSPEC Abstract Number: B89032950, C89026888
 Title: **Automatic integrated** operation **and** remote software
 maintenance for large-scale-distributed computer network **systems**
  Author(s): Hirowatari, S.; Matsui, K.; Masukawa, K.
  Author Affiliation: Fujitzu Ltd., Tokyo, Japan
  Journal: Fujitsu   vol.39, no.6   p.430-7
  Publication Date: 1988 Country of Publication: Japan
  CODEN: FUJTAR ISSN: 0016-2515
  Language: Japanese   Document Type: Journal Paper (JP)
  Treatment: Applications (A); Practical (P)
  Abstract: The Overall Employment Information System of the Ministry of
Labor operates a large-scale-distributed computer network system running
automatically without a system operator. This computer network system
enables the system management center to execute centralized supervision,
remote recovery manipulation in case of system trouble, and remote software
maintenance. Thus, this system can be remotely maintained using few
personnel. The background of the development, the features, summary
explanation, and results of operation are described. (2 Refs)
  Subfile: B C
  Descriptors: **computer   networks** ; distributed processing; government
data processing; large-scale systems; maintenance engineering; software
engineering
  Identifiers: automatic integrated operation; remote software maintenance;
large-scale-distributed computer network systems; Overall Employment
Information System; Ministry of Labor; system management center;
centralized supervision; remote recovery manipulation
  Class Codes: B6210L (Computer communications); B0160 (Plant engineering,
maintenance and safety); C5620 (Computer networks and techniques); C7130
(Public administration); C6110B (Software engineering techniques)

17/5/3   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

04478024   E.I. No: EIP96083292227
Title: Time Warner cable's full service network - program management of
the FSN virtual organization
Author: Whitehead, Susan T.; Peterson, Annette N.
Corporate Source: Time Warner Cable/US West, Englewood, CO, USA
Conference Title: Proceedings of the 1996 2nd International Workshop on
Community Networking
Conference   Location: Princeton,   NJ,   USA   Conference   Date:
19950620-19950622
Sponsor: IEEE; ACM SIGCOMM
E.I. Conference No.: 45173
Source: International Workshop on Community Networking, Proceedings 1995.
IEEE, Piscataway, NJ, USA, 95TH8097. p 291-298
Publication Year: 1995
CODEN: 002409
Language: English
Document Type: CA; (Conference Article)   Treatment: A; (Applications); G
; (General Review)
Journal Announcement: 9610W3

Abstract: When Time Warner chose to pursue its vision of the information
superhighway, it was well recognized that this endeavor was a technological
undertaking of dramatic proportions. Acknowledging that no one company
could solely deliver the multitude of required technologies, Time Warner
created a 'virtual organization' of key technology providers. This paper
analyzes the challenges and rewards of Program Management within this
virtual organization, and presents innovatively adapted Program Management
techniques that enabled this program's success. (Author abstract) 6 Refs.
Descriptors: Information technology; Broadband **networks** ; Interactive
computer . systems; Information services; Information management; Real time
systems; Computer **software** ; Interfaces (**computer**); Remote **control** ;
Fiber optic **networks**
Identifiers: Full service network; Program network; Information
superhighway; Virtual organization; Interactive broadband network; Custom
connection management software; Consumer navigational interface software;
Multimedia applications
Classification Codes:
723.5 (Computer Applications); 722.4 (Digital Computers & Systems);
903.2 (Information Dissemination); 722.2 (Computer Peripheral Equipment);
731.1 (Control Systems)
723 (Computer Software); 903 (Information Science); 722 (Computer
Hardware); 731 (Automatic Control Principles)
72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING); 73
(CONTROL ENGINEERING)

17/5/4   (Item 2 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

04341320   E.I. No: EIP96023019525
Title: Remote control of diverse network elements using SNMP
Author: Aicklen, G.H.; Main, P.M.
Corporate Source: Electrospace Systems, Inc, Richardson, TX, USA
Conference   Title: Proceedings of the 1995 Military Communications
Conference (MILCOM). Part 2 (of 3)
Conference   Location: San   Diego,   CA,   USA   Conference   Date:
19951105-19951108
Sponsor: IEEE
E.I. Conference No.: 44277
Source: Proceedings - IEEE Military Communications Conference MILCOM v 2
1995. IEEE, Piscataway, NJ, USA, 95CB35750. p 673-677
Publication Year: 1995
CODEN: PMICET
Language: English
Document Type: CA; (Conference Article)   Treatment: G; (General Review)
Journal Announcement: 9603W5

Abstract: The Global Network Management System (GNMS) implements monitor and control of diverse, remote systems via the Simple Network Management Protocol (SNMP). A typical GNMS effort brings remote monitoring and control via common off-the-shelf (COTS) network management system (NMS) software to a subsystem that was not designed for such control. Examples are individual radios, antenna systems, DRSN switches, etc. Some systems, such as individual radios, are conceptually simple to control and may have well defined computer interfaces. Other systems, such as shipboard satellite communication and antenna control systems, do not readily fit into the network management model implicit in the definition of SNMP. Remotely managing a variety of systems with widely varying control and monitoring requirements raises serious complexity issues. Innovative Management Information Base (MIB) design, abstraction of proxy agent functions, and attention to operator interface design provide the key to reliable monitor and control of complex systems using the currently standard SNMP. (Author abstract) 3 Refs.
   Descriptors: **Network** protocols; **Remote control** ; Network components; **Computer software** ; Telecommunication control; Monitoring; Management information systems
   Identifiers: Diverse network elements; Simple network management protocol ; Global network management system
   Classification Codes:
   722.3 (Data Communication, Equipment & Techniques); 731.1 (Control Systems); 723.1 (Computer Programming)
   722 (Computer Hardware); 731 (Automatic Control Principles); 723 (Computer Software)
   72 (COMPUTERS & DATA PROCESSING); 73 (CONTROL ENGINEERING)

17/5/5   (Item 3 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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04338045   E.I. No: EIP96013014202
 Title: **Wireless gateway for fieldbus**
   Author: Morel, Philippe; Croisier, Alain
   Corporate Source: Swiss Federal Inst of Technology, Lausanne, Switz
   Conference   Title: Proceedings of the 1995 6th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC'95. Part 1 (of 3)
   Conference Location: Toronto, Can   Conference Date: 19950927-19950929
   Sponsor: IEEE
   E.I. Conference No.: 44246
   Source: IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC v 1 1995. IEEE, Piscataway, NJ, USA,95TH8135. p 105-109
   Publication Year: 1995
   CODEN: 002295
   Language: English
   Document Type: CA; (Conference Article)   Treatment: A; (Applications)
   Journal Announcement: 9603W4
   Abstract: In this article we study wireless communications within the context of industrial applications left bracket 2 right bracket . The question of interest is whether or not wireless connections can be used for accessing distant sensors and actuators through fieldbus left bracket 8 right bracket . The question of interest is wherein the bandwidth of currently available wireless connections allow the access to distant sensors/actuators through a fieldbus protocol. The paper describes a gateway design for the extension of a FIP standard fieldbus through a narrowband radio channel. The performance limit is evaluated and an example given for a 9600 bps channel. (Author abstract) 10 Refs.
   Descriptors: Radio communication; Gateways (**computer   networks**); Industrial **applications** ; **Remote** sensing; Sensors; **Actuators** ; Bandwidth; Network protocols; Standards; Communication channels (information theory)
   Identifiers: Wireless gateway; Fieldbus; Factory information protocol
   Classification Codes:
   716.3 (Radio Systems & Equipment); 723.5 (Computer Applications); 732.2

(Control Instrumentation); 732.1 (Control Equipment); 902.2 (Codes &
Standards); 716.1 (Information & Communication Theory)
    716 (Radar, Radio & TV Electronic Equipment); 723 (Computer Software);
732 (Control Devices); 902 (Engineering Graphics & Standards)
    71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING); 73
(CONTROL ENGINEERING); 90 (GENERAL ENGINEERING)

    17/5/6   (Item 4 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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04276565   E.I. No: EIP95112910903
 Title: Distributed PBXs: big benefits, little boxes
    Author: Taylor, Kieran
    Corporate Source: Data Communications
    Source: Data Communications v 24 n 14 Oct 1995. 4pp
    Publication Year: 1995
    CODEN: DACODM   ISSN: 0363-6399
    Language: English
    Document Type: JA; (Journal Article)   Treatment: G; (General Review)
    Journal Announcement: 9512W4
    Abstract: Today's PBXs put the processing power where it's needed on an
enterprise network. They are smaller, more versatile, easier to manage and
loaded with features. Because of these, modular PBXs are catching on in a
big way with corporate networkers. With their ability to handle both voice
and data, the new PBXs are a comfortable fit for the computer telephony
integration.
    Descriptors: Voice/data communication systems; Private telephone
exchanges; Wide area **networks** ; Gateways (**computer   networks**);
Computer   software ; Asynchronous transfer mode; Interfaces (computer);
Remote   control ; Information management; Switching
    Identifiers: Computer telephony integration; Automatic call distribution;
Client-server computing; Network management; Interactive voice response
    Classification Codes:
    722.3 (Data Communication, Equipment & Techniques); 718.1 (Telephone
Systems & Equipment); 716.1 (Information & Communication Theory); 723.1
(Computer Programming); 722.2 (Computer Peripheral Equipment); 912.2
(Management)
    722 (Computer Hardware); 718 (Telephone & Line Communications); 716
(Radar, Radio & TV Electronic Equipment); 723 (Computer Software); 912
(Industrial Engineering & Management)
    72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATIONS); 91
(ENGINEERING MANAGEMENT)

    17/5/7   (Item 5 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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04242076   E.I. No: EIP95092844166
 Title: Distributed management by delegation
    Author: Goldszmidt, German; Yemini, Yechiam
    Corporate Source: Columbia Univ, New York City, NY, USA
    Conference Title: Proceedings of the 15th International Conference on
Distributed Computing Systems
    Conference Location: Vancouver, Can   Conference Date: 19950530-19950602
    Sponsor: IEEE Computer Society
    E.I. Conference No.: 43505
    Source: Proceedings - International Conference on Distributed Computing
Systems 1995. IEEE, Piscataway, NJ, USA,95CH35784. p 333-340
    Publication Year: 1995
    CODEN: PICSEJ
    Language: English
    Document Type: CA; (Conference Article)   Treatment: A; (Applications)
    Journal Announcement: 9510W5
    Abstract: This paper introduces a novel approach to distributed computing
based on delegation-agents, and describes its applications to decentralize

network management. Delegation agents are programs that can be dispatched
to remote processes, dynamically linked and executed under local or remote
control. Unlike scripted agents, delegation agent programs may be written
in arbitrary languages, interpreted or compiled. They can thus be more
broadly applied to handle such tasks as real-time monitoring, analysis and
control of network resources. Distributed management by delegation (MbD)
uses this to manage remote elements and domains. MbD provides a paradigm
for distributed, flexible, scalable and robust network management that
overcomes the key limitations of current centralized management schemes.
(Author abstract) 13 Refs.
   Descriptors: Distributed computer systems; Computer **software** ; **Remote
control** ; Computer programming languages; Real time systems; **Computer
networks** ; Resource allocation; Data communication systems; Network
protocols; Telecommunication services
   Identifiers: Distributed management; Delegation agents; Real time
monitoring; Elastic process runtime environment; Multithreaded execution
environment; Interprocess communications; Remote delegation protocol;
Remote language interpreter
   Classification Codes:
   723.1.1   (Computer Programming Languages)
   722.4   (Digital Computers & Systems); 731.1   (Control Systems); 723.1
(Computer Programming); 722.3   (Data Communication, Equipment & Techniques)
; 912.2   (Management); 723.3   (Database Systems)
   722   (Computer Hardware); 731   (Automatic Control Principles); 723
(Computer Software); 912   (Industrial Engineering & Management)
   72   (COMPUTERS & DATA PROCESSING); 73   (CONTROL ENGINEERING); 91
(ENGINEERING MANAGEMENT)

   17/5/8   (Item 6 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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04201277   E.I. No: EIP95062761435
   **Title: Monitoring and controlling remote parallel computations using
Schooner**
   Author: Chen, Zhanliang; Schlichting, Richard D.
   Corporate Source: Univ of Arizona, Tucson, AZ, USA
   Conference Title: Proceedings of the IEEE 9th International Parallel
Processing Symposium
   Conference Location: Santa Barbara, CA, USA   Conference Date:
19950425-19950428
   Sponsor: IEEE
   E.I. Conference No.: 43165
   Source: IEEE Symposium on Parallel and Distributed Processing –
Proceedings 1995. IEEE, Los Alamitos, CA, USA,95TH8052. p 614-620
   Publication Year: 1995
   CODEN: PSPDF8   ISSN: 1063-6374
   Language: English
   Document Type: CA; (Conference Article)   Treatment: A; (Applications); T
; (Theoretical)
   Journal Announcement: 9509W1
   Abstract: Scientific visualization systems such as AVS have the potential
to help users of parallel systems monitor and control their computations.
Unfortunately, the machines most suitable for visualization systems are not
the parallel systems on which the computation executes, often leading to
the use of two distinct machines and the viewing of results only after the
computation has completed. Here, an approach to solving this problem is
presented in which AVS and a remote parallel computation are incorporated
into a single metacomputation using the Schooner software interconnection
system. This scheme gives the user enhanced control, including the ability
to dynamically select the parallel platform to be used, monitor the
progress of the computation, and modify parameters. (Author abstract) 9
Refs.
   Descriptors: Parallel processing systems; Computer **software** ; **Remote
control** ; **Control** systems; Systems analysis; Data transfer; **Computer
workstations** ; Problem solving; Neural **networks** ; Monitoring
   Identifiers: Scientific visualization systems; Remote parallel

computation; Schooner software interconnection system; Parallel hardware; Intel paragon; Heterogeneous distributed program; Metacomputation; Remote procedure call
   Classification Codes:
   722.4   (Digital Computers & Systems); 723.1   (Computer Programming); 723.5   (Computer Applications); 731.1   (Control Systems); 723.2   (Data Processing); 723.4   (Artificial Intelligence)
   722   (Computer Hardware); 723   (Computer Software); 731   (Automatic Control Principles)
   72   (COMPUTERS & DATA PROCESSING); 73   (CONTROL ENGINEERING)

   17/5/9   (Item 7 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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04145721   E.I. No: EIP95042673477
 Title: Fault tolerance techniques integrating MMS and ISIS
   Author: Fuhrman, Christopher P.; Messina, Silvia; Decotignie, J.-D.
   Corporate Source: Swiss Federal Inst of Technology, Lausanne, Switz
   Conference Title: Proceedings of the 1994 IEEE Symposium on Emerging Technologies & Factory Automation
   Conference Location: Tokyo, Jpn   Conference Date: 19941106-19941110
   Sponsor: SEIKEN; IEEE IES
   E.I. Conference No.: 42911
   Source: Novel Disciplines for the Next Century IEEE Symposium on Emerging Technologies & Factory Automation 1994. IEEE, Piscataway, NJ, USA,94TH8000. p 297-303
   Publication Year: 1994
   CODEN: 002020
   Language: English
   Document Type: CA; (Conference Article)   Treatment: A; (Applications)
   Journal Announcement: 9506W3

   Abstract: Fault tolerance and interoperability in a heterogeneous environment are two important concerns in distributed industrial applications. The Manufacturing Message Specification (MMS) was designed to standardize and facilitate the remote control and monitoring of industrial devices made by different vendors. Software such as the ISIS Distributed Toolkit makes the task of providing fault tolerance easier for the application programmer. In this paper, we study a realistic, industrial scenario that has been supplied to us by an actual car manufacturing company. We make use of MMS to implement the scenario. Then, we analyze some methods of adding fault tolerance into the scenario by using the ISIS toolkit, as well as other fault-tolerant algorithms on top of MMS. We discuss the results of an actual implementation of these methods and show how the scenario requirements have been satisfied. (Author abstract) 9 Refs.
   Descriptors: Factory automation; Fault tolerant computer systems; Industrial **applications** ; Remote **control** ; Monitoring; **Computer software** ; Automobile manufacture; Assembly; **Computer   networks** ; Database systems
   Identifiers: Manufacturing message specification; Terminal server; Real life scenario; Terminals; Assembly task; Application server; Information flow; Serial communications device
   Classification Codes:
   913.4.2   (Computer Aided Manufacturing)
   913.4   (Manufacturing); 722.4   (Digital Computers & Systems); 912.1 (Industrial Engineering); 731.1   (Control Systems); 662.1   (Automobiles); 723.1   (Computer Programming)
   913   (Production Planning & Control); 722   (Computer Hardware); 912 (Industrial Engineering & Management); 731   (Automatic Control Principles); 662   (Automotive Design & Manufacture); 723   (Computer Software)
   91   (ENGINEERING MANAGEMENT); 72   (COMPUTERS & DATA PROCESSING); 73 (CONTROL ENGINEERING); 66   (AUTOMOTIVE ENGINEERING)

   17/5/10   (Item 8 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

04095549   E.I. No: EIP95032606052
 Title: **Branch-office router with multiple protocols**
  Author: Taylor, Kieran M.
  Source: Data Communications v 23 n 6 Apr 1994. p 129-130
  Publication Year: 1994
  CODEN: DACODM   ISSN: 0363-6399
  Language: English
  Document Type: JA; (Journal Article)   Treatment: A; (Applications); G;
(General Review)
  Journal Announcement: 9505W1
  Abstract: Wellfleet has recently hit the branch-office market with its
Access Node branch-office box containing the full protocol stack and
capabilities of its bigger siblings. This box offers all the functions
found in Wellfleet's enterprise routers. It can send traffic to other sites
with an array of wide-area transmission methods as well as frame relay.
Since the router complies with PPP it can any router other than Wellfleet
routers. This box differs from its enterprise encounters because the remote
router dials up the central site to obtain its configuration file thus
eliminating the expense of sending tech support near and far to get each
box up and running.
  Descriptors: Data communication equipment; Network protocols; **Remote**
control; Wide area **networks** ; **Computer   software** ; Local area **networks**
; Asynchronous transfer mode; Telecommunication links; Interfaces
(computer); Telecommunication traffic
  Identifiers: Branch office box; Remote router; Branch office router;
Committed information rates; Protocol prioritization
  Classification Codes:
  722.3 (Data Communication, Equipment & Techniques); 722.4 (Digital
Computers & Systems); 723.1 (Computer Programming); 716.1 (Information &
Communication Theory); 722.2 (Computer Peripheral Equipment)
  722 (Computer Hardware); 723 (Computer Software); 716 (Radar, Radio &
TV Electronic Equipment)
  72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATIONS)

 17/5/11   (Item 9 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

04092502   E.I. No: EIP95022600438
  Title: **Visual grasping with long delay time of a free floating object in
orbit**
  Author: Fagerer, C.; Dickmanns, Dirk; Dickmanns, Ernst D.
  Corporate Source: Universitaet der Bundeswehr Muenchen, Neubiberg, Ger
  Source: Autonomous Robots v 1 n 1 1994. p 53-68
  Publication Year: 1994
  CODEN: 001876   ISSN: 0929-5593
  Language: English
  Document Type: JA; (Journal Article)   Treatment: A; (Applications); X;
(Experimental)
  Journal Announcement: 9505W1
  Abstract: In the US-German Spacelab mission D2 (April/May 1993) a new
level of automation capabilities has been achieved with the
ROTEX-?freeflyer'-experiment of DLR. For the first time, a combined
human/robotic task force on the ground succeeded in visually controlled
tele-grasping of a free floating object on board the Space Shuttle Columbia
within a working cell of the German Spacelab by a remotely controlled robot
arm. The contributions of UniBwM in the fields of monocular motion-stereo
vision, state prediction and fully automatic grasping under long delay
times (5 to 7 seconds) are discussed in detail. The successful team jointly
consisted of scientists from DLR and UniBwM for decision taking and remote
manual control as well as a network of computers representing a robot
specialist for visual motion interpretation and prediction including the
expertise for delayed feedback, which is hard for humans. (Author abstract)
16 Refs.
  Descriptors: Robot applications; Manipulators; Computer vision; Human

computer interaction; Robotic arms; Space shuttles; Space **applications** ;
Computer networks ; **Remote** control ; Feedback
   Identifiers: Free floating object; Visual motion interpretation;
Teleoperation; Visual grasping; Spaceflight experiment
   Classification Codes:
   731.6 (Robot Applications); 691.1 (Materials Handling Equipment); 723.2
(Data Processing); 722.2 (Computer Peripheral Equipment); 655.1
(Spacecraft, General); 731.1 (Control Systems)
   731 (Automatic Control Principles); 691 (Bulk Materials Handling); 723
(Computer Software); 722 (Computer Hardware); 655 (Spacecraft)
   73 (CONTROL ENGINEERING); 69 (MATERIALS HANDLING); 72 (COMPUTERS &
DATA PROCESSING); 65 (AEROSPACE ENGINEERING)

   17/5/12   (Item 10 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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04061467   E.I. No: EIP95022563589
 Title: Remote- control software **aids help desk problem resolution**
 Author: Muller, Nathan J.
 Source: International Journal of Network Management v 4 n 3 Sep 1994. p
120-129
 Publication Year: 1994
 CODEN: INMTEU   ISSN: 1055-7148
 Language: English
 Document Type: JA; (Journal Article)   Treatment: T; (Theoretical)
 Journal Announcement: 9504W3

Abstract: The in-house help desk can prevent new computer users who may
not have basic computer skills from damaging files and possibly tying up
network resources. Aside from handling trouble calls from users, help desks
can provide such services as order and delivery tracking, asset and
inventory tracking, preventive maintenance, and vendor performance
monitoring. (Author abstract)
 Descriptors: Data communication systems; User interfaces; Personnel
training; Computer software; Remote readouts; Distributed **computer**
systems; Interactive **computer** systems; **Computer** networks ; Information
management
 Identifiers: In-house help desk
 Classification Codes:
 722.3 (Data Communication, Equipment & Techniques); 912.4 (Personnel);
723.2 (Data Processing); 722.4 (Digital Computers & Systems); 903.2
(Information Dissemination)
 722 (Computer Hardware); 912 (Industrial Engineering & Management); 723
(Computer Software); 903 (Information Science)
 72 (COMPUTERS & DATA PROCESSING); 91 (ENGINEERING MANAGEMENT); 90
(GENERAL ENGINEERING)

   17/5/13   (Item 11 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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04048087   E.I. No: EIP95012529591
   Title: Remote   operations **system tailored to** application
 requirements
 Author: Chrisment, Isabelle; Huitema, Christian
 Corporate Source: INRIA, Sophia Antipolis, Fr
 Conference Title: Proceedings of the IFIP TC6/WG6.5 International
Conference on Upper Layer Protocols, Architecture and Applications
 Conference   Location: Barcelona,   Spain   Conference   Date:
19940601-19940603
 E.I. Conference No.: 42338
 Source: IFIP Transactions C: Communication Systems C-25 1994. p 33-47
 Publication Year: 1994
 CODEN: ITCCE5   ISSN: 0926-549X
 Language: English
 Document Type: JA; (Journal Article)· Treatment: T; (Theoretical)

Abstract: The RPC model has been widely used as it provides a simple paradigm to implement distributed applications. It is not, however, suited to support the great diversity of existing and future applications due to the restrictions imposed by the communication transparency - concerning synchronization and transport functions - inherent to the RPC model. This paper describes ROSTAR, a Remote Operations System Tailored to specific Application Requirements. In ROSTAR application requirements are described using a formal specification. The specification is taken as input by a compiler which then automatically generates the communication module tailored to the application requirements. We have implemented a prototype of ROSTAR. In this prototype, the specification language is a combination of ASN.1 and ESTEREL. The compiler includes an ASN.1 compiler and a ESTEREL compiler. We have found that ROSTAR provides not only a flexible way to specify application requirements and to efficiently generate communication modules tailored to the requirements but also a well-defined programming abstraction. (Author abstract) 34 Refs.
   Descriptors: Computer hardware description languages; Distributed **computer** systems; Program compilers; **Network** protocols; **Computer** systems programming; User interfaces; Synchronization; Constraint theory; Reliability; Real time systems
   Identifiers: Remote operations system; Application requirements; Automatic programming; Remote procedure call; Black box; Communication network
   Classification Codes:
   723.1.1 (Computer Programming Languages)
   723.1 (Computer Programming); 722.4 (Digital Computers & Systems); 722.3 (Data Communication, Equipment & Techniques); 722.2 (Computer Peripheral Equipment); 723.5 (Computer Applications)
   723 (Computer Software); 722 (Computer Hardware)
   72 (COMPUTERS & DATA PROCESSING)

   17/5/14   (Item 12 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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03991498   E.I. No: EIP94112444287
 Title: Remote node or remote control?
   Author: Durr, Michael
   Corporate Source: Michael Durr & Associates, Cape Coral, FL, USA
   Source: Datamation v 40 n 17 Sept 1 1994. p 49-51
   Publication Year: 1994
   CODEN: DTMNAT   ISSN: 0011-6963
   Language: English
   Document Type: JA; (Journal Article)   Treatment: G; (General Review)
   Journal Announcement: 9501W2
Abstract: The application of remote connections has evolved into a crucial aspect of networking communications. The issue is now focused on the appropriate choice between remote-node or a remote-control method for linkage. The remote-node approach is best applied in supporting GUIs while remote-control works with a remote PC and a LAN-attached PC. However, extensibility in remote-node or remote-control selection is highly ideal.
   Descriptors: Local area **networks** ; Personal **computers** ; **Remote control** ; Telecommunication links; Telecommunication traffic; Computer **software** ; User interfaces; Computer architecture; Security of data
   Identifiers: Remote node approach; Remote control software; Remote connection
   Classification Codes:
   722.3 (Data Communication, Equipment & Techniques); 722.4 (Digital Computers & Systems); 731.1 (Control Systems); 716.1 (Information & Communication Theory); 723.1 (Computer Programming)
   722 (Computer Hardware); 731 (Automatic Control Principles); 716 (Radar, Radio & TV Electronic Equipment); 723 (Computer Software)
   72 (COMPUTERS & DATA PROCESSING); 73 (CONTROL ENGINEERING); 71 (ELECTRONICS & COMMUNICATIONS)

03590197   E.I. Monthly No: EIM9304-020966
 Title: **Uniform remote control of front end processors in PAN-DA**.
  Author: Berg, David; Berman, Eileen; MacKinnon, Bryan; Nicinski, Tom;
Oleynik, Gene; Petravick, Don; Pordes, Ruth; Sergey, Gary; Slimmer, David;
Streets, Jonathan; White, Vicky
  Corporate Source: Fermi Natl Accelerator Lab, Batavia, IL, USA
  Conference Title: IEEE Seventh Conference Real Time '91 on Computer
Applications in Nuclear, Particle and Plasma Physics
  Conference Location: Juelich, Ger   Conference Date: 19910624
  Sponsor: IEEE Nuclear & Plasma Physics Soc
  E.I. Conference No.: 16674
  Source: IEEE Seventh Conf Real Time 91 Computer Appl Nucl Part Plasma
Phys. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA (IEEE cat n
92TH0404-4). p 458-461
  Publication Year: 1992
  ISBN: 0-7803-0458-6
  Language: English
  Document Type: PA; (Conference Paper)   Treatment: A; (Applications)
  Journal Announcement: 9304
  Abstract: The PAN-DA data acquisition software system encompasses support
for a variety of front end processors including the Struck General Purpose
Master (GPM), the Fermilab Smart Crate Controller (FSCC), and the Motorola
MVME133-A VME single board computer. PAN-DA provides support for the remote
control of these processors through its Remote Procedure Execution (RPX)
software. This software runs over serial lines, and in some PAN-DA
environments, over the Ethernet and TCP/IP as well. Experiments E791 and
E771 have successfully used RPX software in both FSCC software development
and data collection during the 1990-1991 fixed target run at Fermilab. RPX
software has facilitated development and testing of the Fermilab Silicon
Strip Detector readout system, for which the FSCC is an integral component.
RPX based control and monitoring of the GPM and the MVME133-A are essential
parts of the PAN-DA data acquisition system used by E687 and E773 during
the 1990-1991 run. (Author abstract) 6 Refs.
  Descriptors: COMPUTER **SOFTWARE** ; DATA ACQUISITION; **REMOTE   CONTROL** ;
PROGRAM PROCESSORS; **APPLICATIONS** ; **COMPUTER NETWORKS** ; **COMPUTER**
SYSTEMS PROGRAMMING
  Identifiers: PAN-DA DATA ACQUISITION SOFTWARE SYSTEM; FRONT END
PROCESSORS; STRUCK GENERAL PURPOSE MASTER (GPM); FERMILAB SMART CRATE
CONTROLLER (FSCC); REMOTE PROCEDURE EXECUTION (RPX)
  Classification Codes:
  723 (Computer Software); 731 (Automatic Control Principles); 716
(Radar, Radio & TV Electronic Equipment)
  72 (COMPUTERS & DATA PROCESSING); 73 (CONTROL ENGINEERING); 71
(ELECTRONICS & COMMUNICATIONS)

03311557   E.I. Monthly No: EI9110119067
 Title: **Microcomputer-controlled die change system**.
  Author: Kuo, Shin-Gia; Chen, Chao-Kuang
  Corporate Source: Natl Cheng-Kung Univ, Tainan, Taiwan
  Source: Computers in Industry v 16 n 1 Apr 1991 p 39-45
  Publication Year: 1991
  CODEN: CINUD4   ISSN: 0166-3615
  Language: English
  Document Type: JA; (Journal Article)   Treatment: A; (Applications)
  Journal Announcement: 9110
  Abstract: The purpose of this article is to describe the design of an
automatic die change system which integrates four subsystems: a die
standardization system, an automatic die warehouse, a traveling car, and a
quick die change system. Except the traveling car which is controlled by a

programmable logic controller, the rest of the systems are controlled by
four 16-bit personal computers and a network system, which has a remote
control function, to set up a central controlled station to monitor the
whole system. With production and quality control, we can achieve the goal
of a fully automatic factory. (Author abstract)
   Descriptors: DIE CASTING MACHINES--*Computer Applications; COMPUTERS,
MICROCOMPUTER--Industrial Applications; **COMPUTER   NETWORKS** --Industrial
Applications ; **REMOTE   CONTROL** --Industrial Applications
   Identifiers: AUTOMATIC DIE CHANGE SYSTEMS; PROGRAMMABLE LOGIC CONTROLLERS
; MICROCONTROLLERS; QUICK DIE AND MOLD CHANGE SYSTEMS
   Classification Codes:
   534 (Foundry Practice); 723 (Computer Software); 732 (Control Devices)
   53 (METALLURGICAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING); 73
(CONTROL ENGINEERING)

   17/5/17   (Item 15 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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03025125   E.I. Monthly No: EIM9102-007782
   Title: Analytical analysis of reliability for executing   remote
   programs **on idling workstations.**
   Author: Zhang, Chong; Yang, Cui-Qing
   Corporate Source: Dept of Comput Sci, Univ of North Texas, Denton, TX,
USA
   Conference Title: Proceedings - Ninth Annual International Phoenix
Conference on Computers and Communications
   Conference Location: Scottsdale, AZ, USA   Conference Date: 19900321
   Sponsor: IEEE; IEEE Communications Soc; IEEE Computer Soc; Arizona State
Univ; Univ of Arizona
   E.I. Conference No.: 13983
   Source: Conference Proceedings - Annual Phoenix Conference. Publ by IEEE,
IEEE Service Center, Piscataway, NJ, USA (IEEE cat n 90CH2799-5). p 10-16
   Publication Year: 1990
   CODEN: CPACE3   ISBN: 0-8186-2030-7
   Language: English
   Document Type: PA; (Conference Paper)   Treatment: A; (Applications); T;
(Theoretical)
   Journal Announcement: 9102
   Abstract: A discussion is presented of two control policies of
workstation-based distributed systems that support fault-tolerant execution
of remote jobs on idling workstations: checkpointing and noncheckpointing.
An analytical analysis of the reliability and mean turnaround time of the
execution of remote jobs is conducted for both control policies. In
addition, the optimal time interval of checkpoints in the checkpointing
policy is formulated the basis of the given reliability and overhead of the
system. Some observations on fault-tolerant features of each policy derived
from the analysis are presented. 10 Refs.
   Descriptors: COMPUTER SYSTEMS, DIGITAL--*Distributed; COMPUTER
WORKSTATIONS--Reliability; **COMPUTER   NETWORKS** --Protocols
   Identifiers: FAULT TOLERANT SYSTEMS; WORKSTATION-BASED DISTRIBUTED
SYSTEMS
   Classification Codes:
   722 (Computer Hardware); 723 (Computer Software); 913 (Production
Planning & Control)
   72 (COMPUTERS & DATA PROCESSING); 91 (ENGINEERING MANAGEMENT)

   17/5/18   (Item 16 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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02895019   E.I. Monthly No: EI9005056443
 Title: LAN-based communications in mining.
 Author: Schorsch, Helmut; Zwosta, Hans
 Corporate Source: Siemens AG, Erlangen, West Ger
 Source: Energy & Automation v 11 n 4 Jul-Aug 1989 p 8-10

Abstract: As the use of programmable controllers becomes more prevalent
in mining, local area networks (LANs) are being introduced on an increasing
scale to handle communications among them. In particular, Siemens' SIMDAS
S5 and SIMATIC S5 controllers can now be effectively linked to form a
high-performance automation system using the SINEC LE2 LAN. This system can
be used both for short distances of 1.2 km or less and longer distances up
to 10 km. (Edited author abstract)
Descriptors: MINES AND MINING--*Communication Systems; **COMPUTER
NETWORKS** --Industrial **Applications** ; **CONTROL** EQUIPMENT; **REMOTE
CONTROL** ; MODEMS
Identifiers: LAN-BASED COMMUNICATIONS; SINEC LE2 LAN; TRANSMISSION
CHANNEL REDUNDANCY; TRANSMISSION PROTOCOLS; REMOTE PROGRAMMABLE CONTROLLERS
Classification Codes:
502 (Mine & Quarry Equipment & Operations); 723 (Computer Software);
718 (Telephone & Line Communications); 732 (Control Devices)
50 (MINING ENGINEERING); 72 (COMPUTERS & DATA PROCESSING); 71
(ELECTRONICS & COMMUNICATIONS); 73 (CONTROL ENGINEERING)

17/5/19   **(Item 17 from file: 8)**

02802159   E.I. Monthly No: EI8910103547
 Title: Remote control software: **online from micro to micro.**
Author: Kittle, Paul
Corporate Source: Loma Linda Univ Medical Cent, Loma Linda, CA, USA
Abstract: Online searchers are well-versed in using communications
software and hardware for dial-up access to DIALOG, BRS, and other major
online services. Not many of us are equally adept at using modems for other
purposes, such as directly transferring files or remote access to other
microcomputers. This article presents guidelines into some additional ways
of 'communicating online.' 2 Refs.
Descriptors: INFORMATION RETRIEVAL SYSTEMS--*Online Searching;
COMPUTER SOFTWARE; **COMPUTER** PROGRAMMING LANGUAGES
Identifiers: COMMUNICATIONS SOFTWARE; ONLINE SERVICES; REMOTE ACCESS;
INFORMATION PROFESSIONALS; REMOTE CONTROL SOFTWARE
Classification Codes:
903 (Information Science); 723 (Computer Software); 722 (Computer
Hardware); 732 (Control Devices)
90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING); 73
(CONTROL ENGINEERING)

17/5/20   **(Item 18 from file: 8)**

02536346   E.I. Monthly No: EIM8802-006808
 **Title: REX: A REMOTE   EXECUTION PROTOCOL FOR OBJECT-ORIENTED
DISTRIBUTED** APPLICATIONS.
Author: Otway, Dave; Oskiewicz, Ed
Corporate Source: Advanced Networked Systems Architecture Project,
Cambridge, Engl
Conference Title: 7th International Conference on Distributed Computing
Systems.

Conference Location: Berlin, West Ger   Conference Date: 19870921
Sponsor: IEEE Computer Soc, Los Alamitos, CA, USA; IEEE, New York, NY,
USA; Hahn-Meitner-Inst Berlin GmbH, West Ger; Gesellschaft fuer Informatik
eV, West Ger
E.I. Conference No.: 10563
Source: Proceedings - International Conference on Distributed Computing
Systems 7th. Publ by IEEE, New York, NY, USA. Available from IEEE Service
Cent (Cat n 87CH2439-8), Piscataway, NJ, USA p 113-118
Publication Year: 1987
CODEN: PICSEJ   ISBN: 0-8186-0801-3
Language: English
Document Type: PA; (Conference Paper)
Journal Announcement: 8802

Abstract: The remote procedure call is a primitive paradigm for networked
communications between high-level language programs. A remote execution
protocol (REX) is described which extends the concept to encompass a wider
set of remote process-to-process interactions for an object-oriented
distributed processing architecture. These extensions - asynchronous
messaging, back calls, rapid bulk delivery and rate based flow control -
are designed to optimize the responsiveness of communications between
application processes on an end-to-end basis, while retaining the
simplicity of remote procedure calls. 10 refs.
Descriptors: **COMPUTER   NETWORKS** --*Protocols; COMPUTER PROGRAMMING
Identifiers: REMOTE EXECUTION PROTOCOL; REMOTE PROCEDURE CALL; HIGH-LEVEL
LANGUAGE PROGRAMS; DISTRIBUTED PROCESSING ARCHITECTURE; BACK CALLS
Classification Codes:
723 (Computer Software); 716 (Radar, Radio & TV Electronic Equipment);
717 (Electro-Optical Communications); 718 (Telephone & Line
Communications)
72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATIONS)

17/5/21   (Item 1 from file: 6)
DIALOG(R)File   6:NTIS

1899562 NTIS Accession Number: PB95-248795
 Executing PROLOG Programs in Parallel on Network Workstations
(Technical rept)
Tao, J. ; Ju, J.
Jilin Univ., Changchun (China). Dept. of Computer Science.
Corp. Source Codes: 110349001
Sponsor: Institute of Scientific and Technical Information of China,
Beijing.
Report No.: ISTIC-TR-95039
1995   12p
Languages: English
Journal Announcement: GRAI9521
Sponsored by Institute of Scientific and Technical Information of China,
Beijing.
Order   this   product   from   NTIS   by: phone   at   1-800-553-NTIS (U.S.
customers); (703)605-6000 (other countries); fax at (703)321-8547; and
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
NTIS Prices: PC E06/MF E06
Country of Publication: China
A distributed C-PROLOG interpreter on a SUN workstation network, named
DC-PROLOG, is presented. This system can automatically tranform sequential
interpretation of its application programs into parallel ones. It can speed
up execution of tasks using multiple idle processors and make some tasks
executable which cannot be executed on a single machine for lack of memory
spaces.
Descriptors: Parallel processing; *Local area **networks ; Workstations ;**
Logic programming; Distributed **computer** systems; **Applications   programs**
(Computers);   **Run**   time(Computers);   **Remote**   systems;   Programming
environments; Interprocessor communication; Memory(Computers)
Identifiers: *Foreign technology; *Prolog programming language; NTISTFIST
Section   Headings: 62B   (Computers,   Control,   and   Information

17/5/22   (Item 2 from file: 6)

1764651   NTIS Accession Number: N94-10134/2
 **MOLS   (Telescience on-Line Simulator): An Essential Instrument for
Micro-Gravity Interactive Experiment**
   Fortezza, R. ; Monti, R.
   Microgravity Advanced Research and Support Center, Naples (Italy).
   Corp. Source Codes: 106755000; MX894533
   cAug 92   5p
   Languages: English
   Journal Announcement: GRAI9401; STAR3201
   In Esa, Proceedings of the 8TH European Symposium on Materials and Fluid
Sciences in Microgravity, Volume 1 p 407-411.
   NTIS Prices: (Order as N94-10070/8, PC A19/MF A04)
   Country of Publication: Italy
   The telescience operative mode represents for the investigator the
capability to perform a scientific interactive experiment directly from the
ground. Interaction means that the scientist is able to take appropriate
actions and to modify the experiment execution on the basis of the data,
video, and, more in general, information that he receives directly from the
onboard   facility.   The   scientific   knowledge and expertise of the
investigator ensures a more intelligent control, guarantees best results,
and limits the involvement of the crew onboard (if any). The capability to
perform the experiment directly from a ground based facility, with an
approach similar to that used to carry out the research in an on ground
laboratory, represents the final objective. To reach this goal it is
required to establish communication links that are completely transparent
to the scientist and to design specific devices able to provide support in
the experiment control and management. Some such devices developed to
support several experiments performed, using telescience approach, on
sounding rockets are illustrated. These consist of hardware and software
tools that simulate the experimental processes in real or quasi-real-time,
visualize in a quick look format the relevant data, and help the
investigators to take the appropriate decisions during the course of the
experiments. The future development of these tools is also considered.
   Descriptors: Ground based control; *Spaceborne experiments; **Computerized
 simulation; **On - line** systems; Reduced gravity; **Remote   control** ;
Simulators; **Software** tools; Teleoperators; Computational fluid dynamics;
Hardware; Real time operation; Sounding rockets
   Identifiers: *Foreign technology; NTISNASAE
   Section Headings: 84E (Space Technology--Space Launch Vehicles and
Support Equipment)

17/5/23   (Item 3 from file: 6)

1743141   NTIS Accession Number: ED-354 897
 From Bulletin Boards to Electronic Universities: Distance Education,
 Computer -Mediated Communication, and Online **Education. ACSDE Research
Monograph, Number 7**
   Paulsen, M. F.
   Pennsylvania State Univ., University Park. American Center for the Study
of Distance Education.
   Corp. Source Codes: 009222220
   Sponsor: Annenberg/CPB Project, Washington, DC.
   Report No.: ISBN-1-877780-09-X
   1992   76p
   Languages: English   Document Type: Bibliography
   Journal Announcement: GRAI9319
   Available from ERIC Document Reproduction Service (Computer Microfilm
International Corporation), 3900 Wheeler Ave., Alexandria, VA 22304-5110.

NTIS Prices: Not available NTIS
Country of Publication: United States
This monograph presents a collection of separate papers that focuses on pioneering projects in computer-mediated communication (CMC) and distance education. The first section of the monograph contains two papers describing the author's experiences with CMC projects that formed the foundation for his further CMC work: 'NKI Electronic College,' a distance education program using computer conferencing at NKI College in Oslo (Norway); and 'Teaching Across the Atlantic,' a computer-conference-based course conducted by experts form both sides of the Atlantic. In the second section, two papers--'Innovative Computer-Conferencing Courses' and 'Computer-Mediated Communication and Distance Education around the World, An Annotated Bibliography'--provide 16 examples of the CMC projects in 12 countries the author has encountered through literature reviews and personal communications. Three articles that compile experiences, conclusions, and predictions for the future based on the author's perceptions and theories are presented in the final section: 'GO MEEC,' which describes a goal-oriented method for establishment of an electronic college; 'The Electronic University,' which predicts the development of future electronic universities; and 'The Hexagon of Cooperative Freedom,' which proposes a distance education theory attuned to CMC. Most of the papers include references; a total of 79 references are contained overall. (KRN).
Descriptors: **Distance** education; *Learner **controlled** **instruction** ; *Teleconferencing; Adult students; Annotated bibliographies; Computer assisted instruction; Foreign countries; Futures(of society); Higher education; Institutional cooperation; Prediction; Tables(Data); Bibliographies
Identifiers: *Computer Mediated Communication; *Electronic Universities; Norway; United States; NTISHEWERI
Section Headings: 92D (Behavior and Society--Education, Law, and Humanities)

17/5/24   (Item 4 from file: 6)
DIALOG(R)File   6:NTIS
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1588052   NTIS Accession Number: N91-22192/9
 Design of the Ground Segment to Provide Optimum Service at Minimum Cost
  Peberdy, R. J. ; Calvo, M.
  Logica Ltd., Cobham (England).
  Corp. Source Codes: 090759000; L3131166
  Sponsor: National Aeronautics and Space Administration, Washington, DC.
  cOct 90   7p
  Languages: English
  Journal Announcement: GRAI9118; STAR2914
  In Esa, Ground Data Systems for Spacecraft Control p 15-21.
  NTIS Prices: (Order as N91-22189/5, PC A99/MF A04)
  Country of Publication: United Kingdom
  Larger and more complex payloads will inevitably lead to increased cost in their operation unless sensible design allows such costs to be kept within viable limits. The operating cost of the satellite control must be addressed from the start, and ground support facilities provided with the minimum infrastructure and manpower, but with optimum availability and reliability. The Eutelsat system, procured to meet these criteria is discussed. Off the shelf equipment, provided at two ground stations and the Satellite Control Centre (SCC), is of well tried and proven design leading to a very high level of reliability. Computer programs based on those developed over many years at the European Space Operations Centre (ESOC) are discussed. Computer redundancy is achieved by dual facilities at the SCC, and a standby SCC at the Rambouillet Earth station. Single, multiwindow, icon driven displays with advanced colour graphics and print facilities, are provided for ground control operations.
  Descriptors: **Computer networks** ; *Ground stations; *Integrated mission control center; *Telemetry; Availability; Costs; Communication satellites; European space **programs** ; Ground **operational** support system; **Remote control** ; Satellite **control**

Identifiers: *Foreign technology; *Eutelsat system; NTISNASAE
Section Headings: 84E (Space Technology--Space Launch Vehicles and Support Equipment)

17/5/25   (Item 5 from file: 6)
DIALOG(R)File   6:NTIS

1547387 NTIS Accession Number: N90-29890/2
 Integration of a Sensor Based Multiple Robot Environment for Space Applications: The Johnson Space Center Teleoperator Branch Robotics Laboratory
  Hwang, J. ; Campbell, P. ; Ross, M. ; Price, C. R. ; Barron, D.
  National Aeronautics and Space Administration, Houston, TX. Lyndon B. Johnson Space Center.
  Corp. Source Codes: 019042004; ND185000
  31 Jan 89   10p
  Languages: English
  Journal Announcement: GRAI9104; STAR2824
  In JPL, California Inst. of Tech., Proceedings of the NASA Conference on Space Telerobotics, Volume 5 p 151-160.
  NTIS Prices: (Order as N90-29874/6, PC A19/MF A03)
  Country of Publication: United States
  Contract No.: NAS9-1900
  An integrated operating environment was designed to incorporate three general purpose robots, sensors, and end effectors, including Force/Torque Sensors, Tactile Array sensors, Tactile force sensors, and Force-sensing grippers. The design and implementation of: (1) the teleoperation of a general purpose PUMA robot; (2) an integrated sensor hardware/software system; (3) the force-sensing gripper control; (4) the host computer system for dual Robotic Research arms; and (5) the Ethernet integration are described.
  Descriptors: End effectors; *Robot arms; *Robot sensors; *Robotics; *Teleoperators; Technology utilization; **Computer networks** ; **Computer programs** ; **Controllers** ; **Remote manipulator system** ; Workstations
  Identifiers: NTISNASA
  Section Headings: 41C (Manufacturing Technology--Robots and Robotics); 70E (Administration and Management--Research Program Administration and Technology Transfer)

17/5/26   (Item 6 from file: 6)
DIALOG(R)File   6:NTIS

1470511 NTIS Accession Number: DE89016329
  Remote **Procedure** Execution Software **for Distributed Systems**
  Petravick, D. L. ; Berman, E. F. ; Sergey, G. P.
  Fermi National Accelerator Lab., Batavia, IL.
  Corp. Source Codes: 056178000; 9500721
  Sponsor: Department of Energy, Washington, DC.
  Report No.: FNAL/C-89/135; CONF-890545-15
  May 89   4p
  Languages: English   Document Type: Conference proceeding
  Journal Announcement: GRAI9002; NSA0000
  Conference on real-time computer applications in nuclear, particle and plasma physics, Williamsburg, VA, USA, 15-18 May 1989.
  Portions of this document are illegible in microfiche products. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: PC A02/MF A01
  Country of Publication: United States
  Contract No.: AC02-76CH03000
  Remote Procedure Execution facilitates the construction of distributed software systems, spanning computers of various types. Programmers who use

the RPX package specify subroutine calls which are to be executed on a remote computer. RPX is used to generate code for dummy routines which transmit input parameters and receive output parameters, as well as a main program which receives procedure call requests, calls the requested procedure, and returns the result. The package automatically performs datatype conversions and uses an appropriate connection oriented protocol. Supported operating systems/processors are VMS(VAX), UNIX(MIPS R2000, R3000) and Software Components Group's pSOS (680x0). Connection oriented protocols are supported over Ethernet (TCP/IP) and RS232 (a package of our own design). 2 refs., 2 figs.

Descriptors: Distributed Data Processing; **Computer** Architecture; **Computer Networks** ; DEC **Computers** ; Data Acquisition Systems

Identifiers: *Distributed computer systems; *Computer software; ERDA/990210; Protocols; NTISDE

Section Headings: 62B (Computers, Control, and Information Theory--Computer Software)

17/5/27   (Item 7 from file: 6)
DIALOG(R)File   6:NTIS
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1419940 NTIS Accession Number: DE88704397
  Software **for** Remote **Task** Control **in SONET-2 Local Area Network**
  Alfimenkov, A. V. ; Khrykina, T. D.
  Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Neutron Physics.
  Corp. Source Codes: 014897003; 3473000
  Report No.: JINR-R-11-87-839
  1987   11p
  Languages: Russian
  Journal Announcement: GRAI8909
  In Russian.
  U.S. Sales Only. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: PC A03/MF A01
  Country of Publication: Union of Soviet Socialist Republics
  Software realizing the access for a terminal of a central net computer to a task working on a remote computer through LAN SONET-2 is described. The method of switching the terminal input/output of a task working on remote computer to a transport subset of the network is considered. The logical structure of a remote control channel and items of its software support are described. File transfer subroutine implementation to the task working on the remote computer and software supporting this transfer on the central network computer are described. 3 refs.; 3 figs. (Atomindex citation 19:096043)
  Descriptors: **On** - **Line** Measurement Systems; *Computer **Networks** ; **Computer** Codes; Flowsheets; PDP **Computers** ; Real Time Systems
  Identifiers: *Foreign technology; ERDA/440300; NTISINIS
  Section Headings: 62C (Computers, Control, and Information Theory--Control Systems and Control Theory); 62A (Computers, Control, and Information Theory--Computer Hardware); 62B (Computers, Control, and Information Theory--Computer Software)

17/5/28   (Item 8 from file: 6)
DIALOG(R)File   6:NTIS
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0878404 NTIS Accession Number: AD-A950 113/1/XAB
 Captive Trajectory Testing 8-Foot Transonic Wind Tunnel. Revision
  Calspan Corp., Buffalo, NY.
  Corp. Source Codes: 056139000; 407727
  Report No.: CALSPAN-WTO-461-REV
  Aug 67   25p
  Languages: English
  Journal Announcement: GRAI8111

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: PC A02/MF A01
  Country of Publication: United States
  No abstract available.
  Descriptors: Wind tunnel tests; *Captive tests; *Aerial delivery; *Stores
; *Trajectories; **Remote** control; Test methods; Test facilities; **Computer**
  applications ; **On   line** systems; **Computer** programs; Data reduction
  Identifiers: Captive trajectory testing; U/A reports; NTISDODXA; NTISDODW
  Section Headings: 94K (Industrial and Mechanical Engineering--Laboratory
and Test Facility Design and Operation)

 17/5/29   (Item 9 from file: 6)
DIALOG(R)File   6:NTIS
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0772012   NTIS Accession Number: AD-A069 588/2/XAB
 The Joy of TENEX and TOPS-20: Part II
  (Technical manual)
  Holg, C. S.
  University of Southern California Marina Del Rey Information Sciences
Inst
  Corp. Source Codes: 407952
  Report No.: ISI/TM-79-16
  Jan 79   113p
  Languages: English
  Journal Announcement: GRAI7921
  See also Part 1, AD-A069 518.
  Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: PC A06/MF A01
  Contract No.: DAHC15-72-C-0308; ARPA ORDER-2223
  This is a basic manual discussing the operation of the ARPANET, the TENEX and TOPS-20 operating systems, and the following programs: XED, TECO, DCOPY, XOFF, RUNFIL, FTP, TELNET, and RSEXEC. (Author)
  Descriptors: **Computer** communications; Communications **networks** ; Time sharing; **Computer** **programs** ; **Executive** routines; Programming manuals;
 Remote terminals; Central processing units; Core storage; Computer files; Monitoring; Data management; Message processing; Subroutines
  Identifiers: *Computer networks; *Operating systems(Computers); ARPA computer network; TENEX system; TOPS-20 system; XED computer program; TECO computer program; DCOPY computer program; XOFF computer program; RUNFIL computer program; TELNET computer program; RSEXEC computer program; FTP computer program; NTISDODXA
  Section Headings: 62B (Computers, Control, and Information Theory--Computer Software); 45C (Communication--Common Carrier and Satellite)

 17/5/30   (Item 10 from file: 6)
DIALOG(R)File   6:NTIS
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0771942   NTIS Accession Number: AD-A069 518/9/XAB
 The Joy of TENEX and TOPS-20. Part One
  (Technical manual)
  Holg, C.
  University of Southern California Marina Del Rey Information Sciences
Inst
  Corp. Source Codes: 407952
  Report No.: ISI/TM-79-15
  Mar 79   125p
  Languages: English

Journal Announcement: GRAI7921
See also Part 2, AD-A069 588.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A06/MF A01
Contract No.: DAHC15-72-C-0308; ARPA ORDER-2223
This is a basic manual discussing the operation of the ARPANET, the TENEX and TOPS-20 operating systems, and the following mail handling programs: SNDMSG, MSG, HERMES, and MAILSTAT.
Descriptors: **Computer** communications; Communications **networks** ; Time sharing; **Computer programs** ; **Executive** routines; Programming manuals; **Remote** terminals; Central processing units; Core storage; Computer files; Monitoring; Data management; Message processing; Subroutines
Identifiers: *Computer networks; *Operating systems(Computers); ARPA computer network; TENEX system; TOPS-20 system; SNDMSG computer program; MSG computer program; HERMES computer program; MAILSTAT computer program; Mail; NTISDODXA
Section Headings: 62B (Computers, Control, and Information Theory--Computer Software); 45C (Communication--Common Carrier and Satellite)

17/5/31   (Item 11 from file: 6)
DIALOG(R)File   6:NTIS
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0367857 NTIS Accession Number: AD-755 700/XAB
  Computers in Information Sciences: On- Line **Systems**
  (Report bibliography 1968-1972)
  Defense Documentation Center Alexandria Va
  Corp. Source Codes: 107200
  Report No.: DDC-TAS-72-87
  Jan 73   230p
  Document Type: Bibliography
  Journal Announcement: GRAI7307
  Updates AD-679 400.
  Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: PC A11/MF A01
  The bibliography compiles references dealing specifically with the role of On-Line Computer Systems. Corporate Author-Monitoring Agency, Subject, Title, Personal Author, Contract Number, and Report Number Indexes are included. (Author)
  Descriptors: Information retrieval; *Bibliographies; Computers; Data processing systems; Data transmission systems; Cathode ray tube screens; Computer **programs** ; **Remote control** systems; Television display systems ; Time sharing; Programming languages; Programming(Computers); Graphite; Digital computers; Analog computers
  Identifiers: *On line systems; BR-90 display consoles; NTISSD
  Section Headings: 62A (Computers, Control, and Information Theory--Computer Hardware); 62B (Computers, Control, and Information Theory--Computer Software)

17/5/32   (Item 12 from file: 6)
DIALOG(R)File   6:NTIS
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0335825 NTIS Accession Number: AD-745 751/XAB
 Data Reconfiguration Service Compiler: Communications among Heterogeneous Computer Centers Using Remote Resource Sharing
  Harslem, E. F. ; Heafner, J. ; Wisniewski, T. D.
  Rand Corp Santa Monica Calif
  Corp. Source Codes: 296600

Report No.: R-887-ARPA
Apr 72   127p
Journal Announcement: GRAI7218
See also AD-737 318.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A07/MF A01
Contract No.: DAHC15-67-C-0141; ARPA ORDER-189-1
The report describes the use, implementation, and maintenance procedures for the Data Reconfiguration Service (DRS) Compiler which is coded in PL/1. The report provides an overview of the language in which data-reconfiguration definitions are expressed. Syntax is stated in a formal notation.
Descriptors: Compilers; *Data processing systems; Instruction manuals; **Networks** ; Data transmission systems; **Computer programs** ; Syntax; **Remote control** systems
Identifiers: *Computer networks; Data reconfiguration service; ARPA computer network; NTISA
Section Headings: 62B (Computers, Control, and Information Theory--Computer Software)

17/5/33   (Item 13 from file: 6)
DIALOG(R)File 6:NTIS
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0279372 NTIS Accession Number: AD-726 415/XAB
 Analysis of Biomedical Data by Time-Sharing Computers. II. An On-Line **Tissue Bank Graft Registry**
(Medical research interim rept)
Horwitz, D. L.
Naval Medical Research Inst Bethesda Md
Corp. Source Codes: 249650
Report No.: NAVMED-M4305.03-3009-1
Jun 71   47p
Journal Announcement: GRAI7117
See also report dated 26 Feb 70, AD-704 858.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
Contract No.: M4305.03
The report describes a system for storing and retrieving information indexed by the Naval Medical Research Institute Tissue Bank Graft Registry. The system stores information on a direct access, on-line computer memory disk, which can be accessed remotely from an IBM 2741 communications terminal using ordinary telephone lines. The system has been implemented on the IBM System/360 computers located at the National Institutes of Health Computer Center, using their interactive text-editing program called WYLBUR. This enables one to rapidly search the thousands of patient records indexed by the graft registry to locate those patients fitting into selected categories. The system requires no particular training to use, and all necessary instructions for using the system are contained in this report. An appendix to the report describes how the system was initially established. (Author)
Descriptors: Data processing systems; *Medicine; *Information retrieval; Computers; Records; Tissues(Biology); Storage; Transplantation; Computer **programs** ; **Remote control** systems; Time sharing
Identifiers: *Tissue banks; *Tissue graft registry; On line computers; NTISN
Section Headings: 62B (Computers, Control, and Information Theory--Computer Software); 57E (Medicine and Biology--Clinical Medicine)

17/5/34   (Item 14 from file: 6)

0063345 NTIS Accession Number: N66-31218/XAB
 The Amtran Sampler System Instruction Manual
  Albert, M. R. ; Clem, P. C. ; Flenker, L. A. ; Reinfelds, J. ; Seitz, R. N.
  National Aeronautics and Space Administration. Marshall Space Flight Center, Huntsville, Ala.
  Report No.: NASA-TM-X-53342
  Jul 66   144p
  Journal Announcement: USGRDR6401; STAR0417
  Revised
  Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: PC A07/MF A01
  No abstract available.
  Descriptors: Ibm 1620 **computer** ; *Instruction; *On -line programming; Automatic; **Computer** ; Differential; Display; Efficiency; Equation; Graph; Language; Logic; Manual; Mathematics; Nonlinear; **Operator** ; Programming; **Remote** ; Sampler; **Software** ; Terminal; Translator
  Section Headings: 62A (Computers, Control, and Information Theory--Computer Hardware)

 17/5/35   (Item 1 from file: 144)

  12463196   PASCAL No.: 96-0125541
 Remote interrogation and control of sensors via the internet
  FUHR P L; MOWAT E F
  Univ of Vermont, Terra incognita
  Journal: Sensors (Peterborough, NH), 1995, 12 (12) 6p
  ISSN: 0746-9462 CODEN: SNSRES Availability: E.i.
  Document Type: P (Serial) ; A (Analytic)
  Country of Publication: USA
  Language: English
  The Internet seems to be penetrating more and more aspects of the people. Enormous amounts of information are available with just a few keystrokes. In addition, it is possible to put near-real-time sensor information on the Internet. It is also possible to have a level of user control over, or at least interaction with, the Web site providing sensor data, and hence an instrumented platform as well. Limitations do exist for such an installation. The user should have a full-bandwidth connection to the Internet. The Web site should include a robust server. And network delays caused by heavy information traffic should be expected. But even with the delays, evidence from Internet users shows that the response speed is acceptable.
English Descriptors: Remote sensor interrogation; Near real time sensor
  information; User control; **Internet** browser; Web site configuration;
 Application ; **Computer networks** ; **Remote c** ontrol ^Quantu ; Quantum
  optics; Real time systems; Graphical user interfaces; Bandwidth; Process
  control; Data processing; Expert systems; Data acquisition;
  Microcomputers; Analog to digital conversion; Optical sensors

French Descriptors: Application; Reseau ordinateur; Telecommande; Optique
  quantique; Systeme temps reel; Interface graphique; Largeur bande;
  Commande processus; Traitement donnee; Systeme expert; Saisie donnee;
  Microordinateur; Conversion analogique numerique; Capteur optique

Classification Codes: 001B40B; 001D02B; 001D02D; 001B00C65

 17/5/36   (Item 2 from file: 144)

12358082   PASCAL No.: 96-0002455
Going on-line
OUCHI G I
Brego Research, San Jose CA, USA
Journal: LC GC, 1995, 13 (11) 878-880 (2 p.)
ISSN: 0888-9090 CODEN: LCGCE7 Availability: INIST-21244;
354000058745900004
No. of Refs.: 1 ref.
Document Type: P (Serial) ; A (Analytic)
Country of Publication: USA
Language: English

English Descriptors: Laboratory; Information **network ; Computer** hardware
; **Software ; Remote control**

French Descriptors: Laboratoire; Reseau information; Materiel(informatique)
; Logiciel; Telecommande; Internet

Classification Codes: 001C04A

17/5/37   (Item 3 from file: 144)

11329743   PASCAL No.: 94-0151263
**IEEE virtual reality annual international symposium : Seattle WA,
September 18-22, 1993**
VRAIS '93 : virtual reality annual international symposium, 1 (Seattle
WA USA) 1993-09-18
1993 XII, 527 p., ill., index Non-paginated pages/foldouts
Publisher: IEEE, New York NY
Availability: INIST-Y 30109; 354000047918110000
No. of Refs.: dissem.
Document Type: C (Conference Proceedings) ; M (Monographic)
Country of Publication: USA
Language: English   Summary Language: English

English Descriptors: International conference; United States; Washington;
1993; **Application** ; Human factor; Robotics; **Remote   operation** ;
Measurement sensor; Sensory analysis; **Computer** graphics; Software;
Computer animation; Neural **network** ; Fuzzy logic; Teleconference;
Modeling
Broad Descriptors: Nordamerika; North America; America; Amerique du Nord;
Amerique; America del norte; America
French Descriptors: Congres international; Etats Unis; Washington; 1993;
Application; Facteur humain; Robotique; Teleaction; Capteur mesure;
Analyse sensorielle; Infographie; Logiciel; Animation par ordinateur;
Reseau neuronal; Logique floue; Teleconference; Modelisation; Realite
virtuelle

Classification Codes: 001D02B; 001D02C; 001D02D11; 002A26L07

17/5/38   (Item 4 from file: 144)

07561083   PASCAL No.: 87-0398337
**Proposition d'une méthodologie de conception de circuits integres de
communication : realisation d'un communicateur pour le reseau local FIP**
(Proposition of a methodology of communication integrated circuit design:
implementation of a communication circuit for the FIP local net)

DIAZ NAVA Mario; MAZARE Guy, Dir the
Univ.: Grenoble 1   Degree: Th. doct. : Inform.
1986; 1986 258 f.
Availability: CNRS-T 59208
No. of Refs.: 74 ref.
Document Type: T (Thesis) ; M (Monographic)
Country of Publication: France
Language: French   Summary Language: French; English
  FIP=Factory Instrumentation Protocol. On realise un circuit integre de
communication pour le reseau FIP, projet national de communication entre
automates reflexes, capteurs et actionneurs. Le circuit integre est
specifie pour permettre soit la connexion de capteurs simples, soit la
connexion de capteurs intelligents ou des automates de reseau. La
conception de ce circuit integre a la demande resulte d'une methodologie
originale. Cette methodologie est orientee vers la conception de circuits
VLSI de communication a partir d'une bibliotheque d'operateurs flexibles,
d'une part pour reduire le temps de conception, d'autre part pour donner la
possibilite aux ingenieurs non specialistes en conception de concevoir
eux-memes leur circuit

English Descriptors: Integrated circuit; **Computer** aided design; Local
  network ; Remote   control ; Robot; Industrial **application** ; Interface
  circuit; VLSI circuit; Controller; Real time; Methodology; System
  architecture; Hierarchical system; Software; Joining; Library; Functional
  module; Graphic plotting; Electrical simulation; Functional analysis;
  Specification; Transmission protocol; Costs; Monolithic integrated
  circuit

French Descriptors: Circuit integre; Conception assistee; Reseau local;
  Telecommande; Robot; Application industrielle; Circuit interface; Circuit
  VLSI; Controleur; Temps reel; Methodologie; Architecture systeme; Systeme
  hierarchise; Logiciel; Assemblage; Bibliotheque; Module fonctionnel;
  Trace graphique; Simulation electrique; Analyse fonctionnelle;
  Specification; Protocole transmission; Cout; Circuit integre monolithique
  ; Reseau telecommunication; Controleur communication; Operateur flexible;
  Circuit precaracterise

Classification Codes: 001D02B04

 17/5/39   (Item 5 from file: 144)
DIALOG(R)File 144:Pascal
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  01332212   PASCAL No.: 77-0144400
 **FAMILLE DE MODULES ED 1000 POUR LA RESOLUTION DES PROBLEMES DE
L'INFORMATIQUE INDUSTRIELLE.**
  FUNK G; HOLM J
  Journal: REV. BROWN BOVERI, 1976, 63 (9) 545-549
  Availability: CNRS-6894
  No. of Refs.: 4 REF.
  Document Type: P (SERIAL) ; A (ANALYTIC)
  Country of Publication: SWITZERLAND
  Language: FRENCH
  ON EXPOSE LES IDEES FONDAMENTALES AYANT SERVI A LA CREATION DE LA FAMILLE
DE MODULES ED 1000 ASSISTEE PAR ORDINATEUR, MISE AU POINT PAR LA SOCIETE
BROWN BOVERI. CETTE FAMILLE ET LE LOGICIEL QUI EN FAIT PARTIE SONT DESTINES
A LA RESOLUTION DES PROBLEMES DE LA CONDUITE DES RESEAUX ET DE
L'INFORMATIQUE INDUSTRIELLE. EN PARTANT D'UN APERCU GENERAL DES EXIGENCES
POSEES A LA CONCEPTION DES SYSTEMES, LES AUTEURS PRESENTENT LES PRINCIPALES
CARACTERISTIQUES DE LA FAMILLE DE MODULES ED 1000.

English Descriptors: PROCESS COMPUTER; CONTROL; PROGRAMMER; MODULAR
  CONSTRUCTION; **COMPUTER** SCIENCE; **SOFTWARE** ; MULTIPROCESSOR; COMPUTERS;
  ELECTRICAL **NETWORK ; REMOTE   OPERATION** ; INFORMATION PROCESSING
English Generic Descriptors: ELECTRICAL ENGINEERING

French Descriptors: INFORMATIQUE; LOGICIEL; ORDINATEUR; CALCULATEUR

PROCESSUS; COMMANDE PROGRAMMEE; MULTIPROCESSEUR; CONSTRUCTION MODULAIRE;
RESEAU ELECTRIQUE; COMMANDE; TELEACTION; TRAITEMENT INFORMATION
French Generic Descriptors: ELECTROTECHNIQUE

Classification Codes: 140A04G03C

 17/5/40   (Item 6 from file: 144)
DIALOG(R)File 144:Pascal
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 01323530   PASCAL No.: 77-0099631
IMPLEMENTATION OF THE AEP REAL-TIME MONITORING SYSTEM.
 DOPAZO J F; EHRMANN S T; KLITIN O A; SASSON A M; VAN SLYCK L S
 AMERICAN ELECTRIC POWER SERVICE CORP., NEW YORK,N.Y. 10004
 Journal: I.E.E.E. TRANS. POWER APPAR. SYST.,   1976, 95 (5) 1618-1629
 Availability: CNRS-222H4
 No. of Refs.: 26 REF.
 Document Type: P (SERIAL) ; A (ANALYTIC)
 Country of Publication: USA
 Language: ENGLISH
 DESCRIPTION DES DIFFERENTS MODULES ET INTERFACE DU LOGICIEL DU SYSTEME DE
TELESURVEILLANCE EN TEMPS REEL PAR ORDINATEUR EQUIPANT UN GRAND RESEAU
AMERICAIN. ALGORITHME D'ESTIMATION D'ETAT. RESULTATS D'EXPLOITATION.

English Descriptors: CONTROL CENTER; CONTROL; STATE ESTIMATION; **SOFTWARE** ;
 COMPUTERS ; ELECTRICAL **NETWORK** ; **REMOTE**   **OPERATION** ; **REMOTE**
 SUPERVISION; INFORMATION PROCESSING
English Generic Descriptors: ELECTRICAL ENGINEERING; ENERGY

French Descriptors: RESEAU ELECTRIQUE; COMMANDE; ESTIMATION ETAT; CENTRE
 COMMANDE; TRAITEMENT INFORMATION; LOGICIEL; TELESURVEILLANCE; ORDINATEUR;
 SURVEILLANCE; TELEACTION
French Generic Descriptors: ELECTROTECHNIQUE; ENERGIE

Classification Codes: 140A05B08

 17/5/41   (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00394286   95LA08-312
    Remote - control   software **for OS/2 has arrived -- Hilgraeve's
KopyKat controls the** desktop **over** network, **phone line**
   Johnson, M Harry
   LAN Times , August 28, 1995 , v12 n16 p86, 1 Page(s)
   ISSN: 1040-5917
   Company Name: Hilgraeve
   Product Name: KopyKat
   Languages: English
   Document Type: Software Review
   Grade (of Product Reviewed): B
   Hardware/Software Compatibility: IBM PC Compatible; OS/2
   Geographic Location: United States
   Presents a favorable review of KopyKat v1.1 ($199), a remote application
for controlling OS/2 machines over a network or modem from Hilgraeve Inc.
of Monroe, MI (313). Says KopyKat enables a user to configure, control, and
troubleshoot OS/2 machines remotely, and it provides a fine array of
features, including a Crash Recovery feature and support for modem speeds
of up to 115,200bps. Maintains that installation is very simple, and that
the product is extremely reliable and easy to use. Concludes that KopyKat
is a genuine bargain for remote OS/2 users. Includes one screen display.
(CH)
   Descriptors: Software Tools; OS/2; Remote Computing; Networks; Modem
; Disaster Recovery; Software Review

Identifiers: KopyKat; Hilgraeve

17/5/42   **(Item 2 from file: 233)**
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00375613   95PQ02-203
  Microsoft Systems Management Server
    Garris, John
    PC Magazine-Network Edition , February 21, 1995 , v14 n4 pNE18-NE20, 3
Page(s)
    ISSN: 0888-8507
    Company Name: Microsoft
    Product Name: Microsoft Systems Management Server
    Languages: English
    Document Type: Software Review
    Grade (of Product Reviewed): B
    Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows .
    Geographic Location: United States
    Presents a favorable review of Microsoft Systems Management Server ($649
per server), a desktop network management platform from Microsoft Corp. of
Redmond, WA (206). Runs on IBM PC compatibles. Explains that the Microsoft
Systems Management Server's use of a distributed architecture and tight
integration with Windows NT enables the Systems Management Server (SMS) to
be the first PC management package to address the needs of multisite
networks. Indicates that SMS allows you to inventory hardware and software,
distribute software updates, control clients remotely, and gather network
diagnostics anywhere on the enterprise. Reports that SMS is a powerful
package with excellent Windows NT and SQL Server integration, and its
remote-control and troubleshooting tools are very well integrated. However,
notes that SMS requires a complicated setup, and it is quite expensive and
rather difficult to learn. Includes one screen display and one table. (jo)
    Descriptors: Network   Management;   Network   **Operating**   Systems;
  Internetworking ; Remote Computing; **Software** Review; Administration;
    Client -Server Computing
    Identifiers: Microsoft Systems Management Server; Microsoft

17/5/43   **(Item 3 from file: 233)**
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00324380   93IW09-118
  LANlord 2.0 is robust workstation manager -- Latest version of
Microcom's utility package adds remote control software **and virus**
protection
    Carleton, Mary
    InfoWorld , September 13, 1993 , v15 n37 p93-95, 3 Page(s)
    ISSN: 0199-6649
    Company Name: Microcom
    Product Name: LANlord
    Languages: English
    Document Type: Software Review
    Grade (of Product Reviewed): B
    Hardware/Software Compatibility: IBM PC Compatible
    Geographic Location: United States
    Presents a favorable review of LANlord v2.0 ($2,495 for 50-node license,
$4,299 for 100-node license, and $8,999 for 250-node license), a network
utility software package from Microcom Inc. of Yonkers, NY (800, 914).
Requires Ethernet, Token Ring, or ARCnet LAN; NetWare 2.1x, 2.2, or 3.11;
LAN Manager 1.3 or later; LAN Server 1.3 or later; and OS/2 workstation for
LANlord server. Says it is good as a workstation manager, has good
application metering, includes virus protection and remote control, and has
WAN capabilities; but it has limited software inventories, has no server
monitoring, and requires IBM OS/2. Received InfoWorld's Buyers Assurance
Seal and an overall score of 6.2. Contains two screen displays and a
product scorecard. (cr)

Descriptors: Network Management; Utility Program;   Local Area **Networks**
; **Workstation** ; OS/2;   Software Review
Identifiers: LANlord; Microcom

17/5/44   (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus

02785458   JICST ACCESSION NUMBER: 96A0265953 FILE SEGMENT: JICST-E
Development of control systems using hardware- software **platform.** Remote
    control **of the equipments by the radiocommunication technology.**
MIWA AKIO (1); HIRAMATSU TAKASHI (1)
(1) Ind. Technol. Center of Okayama Prefect.
Okayamaken Kogyo Gijutsu Senta Hokoku(Report of Industrial Technology
    Center of Okayama Prefecture), 1995, NO.21, PAGE.63-66, FIG.4, TBL.4,
    REF.2
JOURNAL NUMBER: Z0392BAC   ISSN NO: 0386-149X
UNIVERSAL DECIMAL CLASSIFICATION: 681.3:654
LANGUAGE: Japanese   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication
ABSTRACT: Radio utilization to equipment control is not easy by constraint
    of the radio law. Data exchange experiment between different kinds of
    personal computers is carried out by using a unit mounting a terminal
    node controller into a 400MHz band specific low power radio transmiter.
    This paper describes controller specification and programming
    environment. There is no difficulty at 15m distance in a corridor, but
    a directional antenna is necessary for multi-path in indoor use. This
    paper describes that problems are model dependence and transfer time.
DESCRIPTORS: remote control; radio transmission; communication control;
    personal computer; data transfer; transmission characteristic;
    communication characteristic; control equipment; **computer   network**
BROADER DESCRIPTORS: control; communication system; method; digital
    computer; computer; hardware; characteristic; equipment; communication
    network; information network; network
CLASSIFICATION CODE(S): JC03000K

17/5/45   (Item 2 from file: 94)
DIALOG(R)File 94:JICST-EPlus

02349476   JICST ACCESSION NUMBER: 95A0229357 FILE SEGMENT: JICST-E
An Intelligent Environment for Software **Development Based on Co-**
    operative **Work Among** Remotely **Separated Sites.**
KOIZUMI H (1); SUZUKI M (1); SIRATORI N (2)
(1) Mitsubishi Electric Corp., Tokyo, JPN; (2) Tohoku Univ., Sendai-shi,
    JPN
Proc 9th Int Conf Inf Netw 1994, 1994, PAGE.383-388, FIG.7, TBL.1, REF.5
JOURNAL NUMBER: K19950091W
UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02.001
LANGUAGE: English   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication
DESCRIPTORS: computer system development; support program; user interface;
    groupware; **computer   network** ; distributed coordination; programming
    environment
BROADER DESCRIPTORS: development; computer program; software; interface;
    application program; communication network; information network;
    network
CLASSIFICATION CODE(S): JD02010R

17/5/46   (Item 3 from file: 94)
DIALOG(R)File 94:JICST-EPlus

01396267   JICST ACCESSION NUMBER: 91A0856254   FILE SEGMENT: JICST-E
A Study on an   Application **of OSI Management to Computer**   Remote
    Operation **and Maintenance System.**
MORI TAKAHIKO (1)
(1) NTTJohotsushinmouken
Joho Shori Gakkai Zenkoku Taikai Koen Ronbunshu, 1991, VOL.43rd,NO.1,
    PAGE.1.317-1.318, FIG.2, TBL.4
JOURNAL NUMBER: S0731ACN
UNIVERSAL DECIMAL CLASSIFICATION: 681.3:654   681.3.066
LANGUAGE: Japanese   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Short Communication
MEDIA TYPE: Printed Publication
DESCRIPTORS: **computer   network** ; maintenance; supervisory program;
    communication administration; remote control; console
BROADER DESCRIPTORS: communication network; information network; network;
    maintenance management; control program; operating system; system
    program; computer program; software; management; control; control
    equipment; equipment
CLASSIFICATION CODE(S): JC03000K; JD03020J

   17/5/47   **(Item 1 from file: 35)**
DIALOG(R)File   35:Dissertation Abs Online

899298   ORDER NO: AAD85-24916
REPLICATED DISTRIBUTED PROGRAMS **(FAULT TOLERANCE, COMMUNICATION**
PROTOCOLS, OPERATING **SYSTEMS,** REMOTE **PROCEDURE CALL,** COMPUTER
NETWORKS**)**
   Author: COOPER, ERIC CHARLES
   Degree: PH.D.
   Year: 1985
   Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, BERKELEY (0028)
   Source: VOLUME 46/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
             PAGE 3121. 135 PAGES
   Descriptors: COMPUTER SCIENCE
   Descriptor Codes: 0984

     This dissertation presents a new software architecture for
fault-tolerant distributed programs. This new architecture allows
replication to be added transparently and flexibly to existing programs.
Tuning the availability of a replicated program becomes a
programming-in-the-large problem that a programmer need address only after
the individual modules have been written and verified.
     The increasing reliance that people place on computer systems
makes it essential that those systems remain available. The low cost of
computer hardware and the high cost of computer software make replicated
distributed programs an attractive solution to the problem of providing
fault-tolerant operation.
     A troupe is a set of replicas of a module, executing on machines
that have independent failure modes. Troupes are the building blocks of
replicated distributed programs and the key to achieving high availability.
Individual members of a troupe do not communicate among themselves, and are
unaware of one another's existence; this property is what distinguishes
troupes from other software architectures for fault tolerance.
     Replicated procedure call is introduced to handle the many-to-many
pattern of communication between troupes. Replicated procedure call is an
elegant and powerful way of expressing many distributed algorithms. The
semantics of replicated procedure call can be summarized as exactly-one
execution at all replicas.
     An implementation of troupes and replicated procedure call is
described. Experiments were conducted to measure the performance of this
implementation; an analysis of the results of these experiments is
presented.
     The problem of concurrency control for troupes is examined, and

algorithms for replicated atomic transactions are presented as a solution. Binding and reconfiguration mechanisms for replicated distributed programs are described, and the problem of when to replace failed troupe members is analyzed.

Several issues relating to programming languages and environments for reliable distributed applications are discussed. Integration of the replication mechanisms into current programming languages is accomplished by means of stub compilers. Four stub compilers are examined, and some lessons learned from them are presented. A language for specifying troupe configurations is described, and the design of a configuration manager, a programming-in-the-large tool for configuring replicated distributed programs, is presented.

26/5/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC

4854264   INSPEC Abstract Number: B9502-6210L-071, C9502-7210L-015
 Title: Everywhere Access: remote control software for the Internet
   Author(s): Beckett, G.
   Author Affiliation: Health Sci. Libr., Memorial Univ. of Newfoundland,
St. John's, Nfld., Canada
   Journal: Library Software Review   vol.13, no.2   p.113-16
   Publication Date: Summer 1994 Country of Publication: USA
   CODEN: LSREEA ISSN: 0742-5759
   U.S. Copyright Clearance Center Code: 0742-5759/94/$.25+.10
   Language: English   Document Type: Journal Paper (JP)
   Treatment: Practical (P)
   Abstract: There is a new software program from Supro Network Software
called Everywhere Access, a software package that provides remote access to
a networked personal computer via the telnet program associated with
Transmission Control Protocol Internet Protocol (TCP/IP) networking. With
Everywhere Access running on a PC, a user can access the host PC from home
or office using any computer or terminal that can telnet to other
 computers on the network . Once connected to the host PC, it is possible
to operate any character mode program that the host computer is capable of
running. Because the access is via telnet, any terminal or computer that
can create a telnet session can access the host Everywhere Access computer.
The ability of Everywhere Access to provide telnet access to DOS-based PCs
is important for libraries because of the current dependency on DOS for
accessing library information resources. Typically, most CD-ROM databases
or other electronic information sources are only available with DOS-based
software. Although this dependency on DOS is beginning to change, it has
certainly been true in the past that advanced computer operating systems
that customarily supported telnet access could not also run DOS programs
such as CD-ROM database search software. (0 Refs)
   Subfile: B C
   Descriptors: access protocols; CD-ROMs; Internet; library automation;
local area networks; microcomputer applications; online front-ends;
software packages
   Identifiers: Internet; remote control software; Everywhere Access;
software program; Supro Network Software; remote access; networked
personal computer ; telnet program; Transmission Control Protocol Internet
Protocol networking; host PC; character mode program; DOS-based PCs;
libraries; library information resources; electronic information sources
   Class Codes: B6210L (Computer communications); B6150M (Protocols); C7210L
(Library automation); C5620W (Other computer networks); C6150N (Distributed
systems software); C5620L (Local area networks); C5640 (Protocols); C7250L
(Non-bibliographic retrieval systems); C7250N (Front end systems for online
searching); C6155 (Computer communications software)

 26/5/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC

03418024   INSPEC Abstract Number: B89050338, C89049538
 Title: Remote- control software: PCs apart, but not alone
   Author(s): Lowe, S.J.
   Journal: Data Communications   vol.18, no.5   p.97-104
   Publication Date: April 1989 Country of Publication: USA
   CODEN: DACODM ISSN: 0363-6399
   Language: English   Document Type: Journal Paper (JP)
   Treatment: Applications (A); Practical (P); Product Review (R)
   Abstract: Software that allows a PC operator not only to access but also
to control another PC is flourishing. Some packages even extend this
remote-control capability so that an operator at a distant PO can view and
change files in use on any LAN   workstation . As new releases of
remote-control software are enhanced, they grow increasingly more complex.
To accomplish the appearance of mutual PC activity, remote-control software

requires considerably more programming effort than do general-purpose communications packages. The author explains how these packages work and what they can be used for. She goes on to look at some specific companies and their uses of such remote control software. An evaluation of five packages is given: Carbon Copy Plus 5.0, Co/Session 3.1, pcAnywhere, Close-Up and Remote 2 1.1. Some other packages are also looked at. (0 Refs)

   Subfile: B C

   Descriptors: computer communications software; local area networks; microcomputer applications; software packages; telecontrol

   Identifiers: PC-to-Mac connectivity; PC operator; remote-control capability; distant PO; **LAN workstation** ; remote-control software; mutual PC activity; programming effort; communications packages; Carbon Copy Plus; Co/Session; pcAnywhere; Close-Up; Remote 2

   Class Codes: B6210L (Computer communications); C6155 (Computer communications software)

   26/5/3   **(Item 3 from file: 2)**
DIALOG(R)File   2:INSPEC
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02224932   INSPEC Abstract Number: B84022081, C84016018
   Title: **Telemetry and** telecontrol applications **in oil and gas extraction process**
   Author(s): Govindarajan, P.
   Author Affiliation: Min. of Defence, New Delhi, India
   Journal: Journal of the Institution of Electronics and Telecommunication Engineers   vol.29, no.8   p.381-6
   Publication Date: Aug. 1983 Country of Publication: India
   CODEN: JIETAU ISSN: 0377-2063
   Language: English   Document Type: Journal Paper (JP)
   Treatment: Applications (A); Practical (P)
   Abstract: The presentation to the computer based telemetry and telecontrol system being engineered by RCPO for application in oil and gas extraction in Bombay offshore oil fields of ONGC. The system consists of a number of complexes, each comprising a central gathering platform having a PDP-11 computer based telemetry master with remote terminal units (RTUs) in outlying unmanned platforms around the central platform. The RTUs are solar powered and are linked to the master via FDM/FM/UHF radio links. Some RTUs are linked directly by a 4 wire communication cable. The central locations comprising the computer are called nodes. Primary function of each node is to have a totally independent telesupervisory and control system gathering data from RTUs from remote well platforms and effecting control over some important functions. Type of parameters monitored/controlled through RTU are (a) Analogue (Pressure, Temperature, Flow, Level), (b) Status (High/low Pressure, Temperature, Level), (c) Integrator. Dynamic colour graphic pictures of processes are displayed on a VDU monitor for easy operator interaction. Each node is capable of monitoring/controlling approximately 8000 points and displaying 350 pictures. For the purposes of data archiving and management information service at ONGC Headquarters at Bandra, all nodes are being interlinked via 2 GHz satellite digital communication circuits providing a **computer network** with resource sharing facilities. (0 Refs)

   Subfile: B C

   Descriptors: computerised control; digital communication systems; natural gas technology; oil technology; satellite relay systems; telecontrol; telemetering

   Identifiers: oil extraction; computer based telemetry; telecontrol; RCPO; gas extraction; Bombay; offshore oil fields; ONGC; PDP-11 computer based telemetry master; remote terminal units; unmanned platforms; FDM/FM/UHF radio links; telesupervisory and control system; colour graphic pictures; VDU monitor; monitoring; controlling; management information service; satellite digital communication circuits; **computer network** ; resource sharing

   Class Codes: B6210J (Telemetry); B6250G (Satellite relay systems); B7210F (Telemetering systems); C3310E (Mining, oil and natural gas extraction and distribution); C3370L (Remote signalling, dispatching and safety devices);

26/5/4   (Item 1 from file: 8)

04265748   E.I. No: EIP95102889776
 Title: **Network for integrating transportation operations systems (NITOS)**
  Author: Tighe, Warren
  Corporate Source: DKS Associates, Oakland, CA, USA
  Conference Title: Proceedings of the 6th 1995 Vehicle Navigation and Information Systems Conference
  Conference Location: Seattle, WA, USA Conference Date: 19950730-19950802
  E.I. Conference No.: 43755
  Source: Vehicle Navigation and Information Systems Conference (VNIS) 1995. IEEE, Piscataway, NJ, USA,95CH35776. p 429-435
  Publication Year: 1995
  CODEN: 85RHAZ
  Language: English
  Document Type: CA; (Conference Article)   Treatment: A; (Applications)
  Journal Announcement: 9512W1
  Abstract: Public agencies involved in the management of transportation facilities resist efforts to integrate the operation of transportation management systems if that integration is perceived to involve a loss of local control and autonomy. A peer-to-peer wide area **computer   network** is proposed as a solution to this institutional problem. The proposed network does not require a central server or database, although any agency on the network can create databases for any purpose. All integration of operations is achieved by implementation of joint operating plans developed cooperatively by the involved agencies. Any agency's system can act as the 'master' when needed in implementing such coordinated plans. (Author abstract)
  Descriptors: Wide area networks; Management information systems; Highway traffic control; Telecommunication traffic; Database systems; Real time systems; **Remote   control** ; Computer **software**
  Identifiers: Transportation management systems; Peer to peer wide area **computer   networks** ; Real time management
  Classification Codes:
  722.3 (Data Communication, Equipment & Techniques); 723.2 (Data Processing); 432.4 (Highway Traffic Control); 723.3 (Database Systems); 722.4 (Digital Computers & Systems); 731.1 (Control Systems)
  722 (Computer Hardware); 723 (Computer Software); 432 (Highway Transportation); 731 (Automatic Control Principles)
  72 (COMPUTERS & DATA PROCESSING); 43 (TRANSPORTATION); 73 (CONTROL ENGINEERING)

26/5/5   (Item 2 from file: 8)

02680483   E.I. Monthly No: EI8812117375
 Title: **REMOTE-CONTROL SYSTEMS FOR ELECTRIC-RAILWAY POWER NETWORKS.**
  Author: Mizutani, Tsugio
  Corporate Source: Mitsubishi Electric Corp Power and Industrial Systems Cent, Jpn
  Source: Mitsubishi Electric Advance v 43 Jun 1988 p 16-18
  Publication Year: 1988
  CODEN: MEADD4   ISSN: 0386-5096
  Language: English
  Document Type: JA; (Journal Article)   Treatment: A; (Applications)
  Journal Announcement: 8812
  Abstract: Owing to the growing population of Japan's large cities and suburbs, electric trains are being run more frequently and are longer. To prevent train service interruptions, reliable power-supply networks are essential. If a fault occurs in a network, the central power-control office

must first identify the problem and its consequences, and then swiftly and safely perform the complicated power-rerouting operations to restore services. In complicated applications where a single central computer cannot meet the processing requirements, smaller computers have been installed in substations, and are linked to the central **computer** via a communication **network** . Such systems generally employ a fault-tolerant design that upgrades system automation while ensuring system operation. This article covers the features and software functions of these remote-control systems, and introduces two typical installations.

Descriptors: LOCOMOTIVES, ELECTRIC--*Remote Control ; CONTROL SYSTEMS; COMPUTER **SOFTWARE**

Identifiers: ELECTRIC-RAILWAY POWER NETWORKS; REMOTE-CONTROL SYSTEMS; SOFTWARE FUNCTIONS

Classification Codes:

682 (Railroad Rolling Stock); 732 (Control Devices); 731 (Automatic Control Principles); 723 (Computer Software)

68 (RAILROAD ENGINEERING); 73 (CONTROL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

26/5/6   (Item 1 from file: 6)
DIALOG(R)File   6:NTIS

1703481 NTIS Accession Number: PB93-132207
 Underground Test Results of a Laser-Based Tram Control System for a Continuous Miner
 (Rept. of investigations/1992)
 Anderson, D. L.
 Bureau of Mines, Pittsburgh, PA. Pittsburgh Research Center.
 Corp. Source Codes: 004993027
 Report No.: BUMINES-RI-9440
 1992   15p
 Languages: English
 Journal Announcement: GRAI9307
 See also PB90-265588 and PB91-241232. Library of Congress catalog card no. 92-5712.
 Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
 NTIS Prices: PC A03/MF A01
 Country of Publication: United States
 The report documents the status of a laser-based underground guidance system for tracking and controlling the movements of underground mobile mining equipment. The research is part of a multiple project effort at the U.S. Bureau of Mines to increase mine safety and efficiency by developing technology for computer-assisted mining. Guidance systems which can track and control the movements of underground mining equipment are essential during computer-assisted mining operations. A Joy 16CM continuous mining machine at the Bureau's surface test facility served as the testbed for initial development and experimentation of the guidance system. Subsequently, a Joy 14CM in an underground mine served as the platform for in-mine experimentation. The first section of the report includes details of the laser sensors, communication **network** , and **computer** hardware. The following section includes experimental results which show the system capable of accurately tracking and controlling the tram maneuvers of a continuous miner underground. The final section discusses conclusions and recommendations.
 Descriptors: Mining equipment; *Guidance; *Laser **applications** ; **Remote control** ; Underground mining; Guidance sensors; Tracking(Position); Systems engineering; Position(Location); Mining engineering; Controllers
 Identifiers: *Continuous mining machines; NTISDIBM
 Section Headings: 48A (Natural Resources and Earth Sciences--Mineral Industries); 41M (Manufacturing Technology--Optics and Lasers)

26/5/7   (Item 2 from file: 6)

1512271   NTIS Accession Number: DE90007485
Implementation of a control system test environment in UNIX
Brittain, C. R. ; Otaduy, P. J. ; Rovere, L. A.
Oak Ridge National Lab., TN.
Corp. Source Codes: 021310000; 4832000
Sponsor: Department of Energy, Washington, DC.
Report No.: CONF-9004138-2
1990   20p
Languages: English   Document Type: Conference proceeding
Journal Announcement: GRAI9017; ERA9028
Canadian Nuclear Society international conference on simulation methods
in nuclear engineering (3rd), Montreal (Canada), 18-20 Apr 1990. Sponsored
by Department of Energy, Washington, DC.
Portions of this document are illegible in microfiche products. Order
this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers);
(703)605-6000 (other countries); fax at (703)321-8547; and email at
orders@ntis.fedworld.gov.   NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
Country of Publication: United States
Contract No.: AC05-84OR21400
This paper discusses how UNIX features such as shared memory, remote
procedure calls, and signalling have been used to implement a distributed
computational environment ideal for the development and testing of digital
control systems. The resulting environment -based on features commonly
available in commercial workstations- is flexible, allows process
simulation and controller development to proceed in parallel, and provides
for testing and validation in a realistic environment. In addition, the use
of shared memory to exchange data allows other tasks such as user
interfaces and recorders to be added without affecting the process
simulation or controllers. A library of functions is presented which
provides a simple interface to using the features described. These
functions can be used in either C or FORTRAN programs and have been tested
on a **network** of Sun **workstations** and an ENCORE parallel computer. 6
refs., 2 figs.
Descriptors: Control Systems; *Digital Systems; Accuracy; Algorithms;
Communications; Computer Architecture; Computer Graphics; Computerized
Simulation; Data Processing; Design; Dynamics; FORTRAN; Flexibility; I
Codes; Implementation; Interfaces; Memory Devices; Performance Testing;
Remote   Control ; Research **Programs** ; Test Facilities; Meetings
Identifiers: *Computer systems programs; EDB/426000; EDB/990200; NTISDE
Section Headings: 49GE (Electrotechnology--General); 72GE (Mathematical
Sciences--General)

26/5/8   (Item 3 from file: 6)

0451928   NTIS Accession Number: N74-22773/7/XAB
Study to Design and Develop Remote Manipulator System
(Quarterly Report, 1 May - 1 Aug. 1973)
Hill, J. W. ; Sword, A. J.
Stanford Research Inst., Menlo Park, Calif.
Report No.: NASA-CR-138237; QR-1
Aug 73   39p
Journal Announcement: GRAI7418; STAR1214
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customers); (703)605-6000 (other countries); fax at (703)321-8547; and
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
Contract No.: NAS2-7507; SRI PROJ. 2583
Human performance measurement techniques for remote manipulation tasks
and remote sensing techniques for manipulators are described for common

manipulation tasks, performance is monitored by means of an **on -line computer** capable of measuring the joint angles of both master and slave arms as a function of time. The computer programs allow measurements of the operator's strategy and physical quantities such as task time and power consumed. The results are printed out after a test run to compare different experimental conditions. For tracking tasks, we describe a method of displaying errors in three dimensions and measuring the end-effector position in three dimensions. (Author)

Descriptors: Human performance; *Manipulators; ***Operator** performance; * **Remote** handling; Computer **programs** ; Error analysis; Remote sensors

Identifiers: NTISNASA

Section Headings: 95D (Biomedical Technology and Human Factors Engineering--Human Factors Engineering)

26/5/9   (Item 4 from file: 6)
DIALOG(R)File   6:NTIS
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0284075 NTIS Accession Number: AD-728 377/XAB
Man-Computer Interaction Conference. National Physical Laboratory, Teddington, Middlesex, England
(Conference rept)
Mathieu, R. D.
Office of Naval Research London (England)
Corp. Source Codes: 265000
Report No.: ONRL-C-11-71
7 Jul 71   16p
Document Type: Conference proceeding
Journal Announcement: GRAI7119
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A02/MF A01
Within the past few years great strides have been made in computer technology, in particular in remote-terminal time-sharing facilities and computer languages. For the first time the computer and its tremendous powers have been brought within the reach of such people as teachers, doctors, managers, architects, designers, etc. This report describes the proceedings of the Man-Computer Interaction Conference, which was held at the National Physical Laboratory, Teddington, UK on 2-4 September 1970. Emphasis was placed on the computer use and computer applications. (Author)

Descriptors: Computers; *Programming(Computers); Symposia; Man-machine systems; Management planning; Pattern recognition; Reading machines; Time sharing; Programming languages; Graphics; Programmed **instruction** ; **Remote control** systems; Design; Great Britain

Identifiers: Management information systems; Computer aided design; Computer aided instruction; **Computer** graphics; **On line computers** ; Interactive **computer** graphics; NTISN

Section Headings: 62A (Computers, Control, and Information Theory--Computer Hardware); 62B (Computers, Control, and Information Theory--Computer Software)

26/5/10   (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00268363   92PI02-160
  Carbon Copy Plus -- Modem remote- control software
  Cohn, Michael
  PC Magazine , February 25, 1992 , v11 n4 p196, 198+, 3 Page(s)
  ISSN: 0888-8507
  Company Name: Microcom
  Product Name: Carbon Copy Plus
  Languages: English
  Document Type: Software Review

Grade (of Product Reviewed): b
Geographic Location: United States
   Presents a favorable review of Carbon Copy Plus 6.0 ($199), modem remote
control software from Microcom Inc. of Norwood, MA (800, 617). Requires DOS
2.0 or later; host needs 60KB of RAM, guest needs 190KB of RAM. Says Carbon
Copy Plus features a **terminal** emulator, **LAN** remote control software,
excellent file transfer speed, two chat windows, support for 51 modems and
modem types, run-length encoding, support for DESQview and QEMM, a
call-back feature, two levels of password protection, and well-organized
documentation. Also says the software is easy to install; but the LAN
remote control portion lacks mouse and Windows support, and online help is
sparse. Includes a photo, a screen display, a score card, and a product
summary. (tbc)
   Descriptors: Remote Computing; Telecommunications; Software Review;
Benchmark Testing
   Identifiers: Carbon Copy Plus; Microcom

 26/5/11   (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00262777   91MU12-007
   **Timbuktu and Carbon Copy/Mac -- Timbuktu version 4.0 outmaneuvers Carbon
Copy/Mac version 2.0 when it comes to features and performance in** remote-
control software,...
   Steinberg, Jeffrey A
   MacUser , December 1, 1991 , v7 n12 p78-83, 3 Page(s)
   ISSN: 0884-0997
   Company Name: Microcom; Farallon Computing
   Product Name: Carbon Copy/Mac; Timbuktu
   Languages: English
   Document Type: Software Review
   Grade (of Product Reviewed): b; c
   Geographic Location: United States
   Presents a mixed review of Carbon Copy/Mac ($299 per zone) from Microcom
Inc., Norwood, MA (800, 617) and a favorable review of Timbuktu ($195 per
node) from Farallon Computing, Emeryville, CA (510). Both program allow
network support personnel to remotely monitor **computers** on a **network** .
Both provide password protection to control access to the
user-authorization screen and to control access to the host. Both provide
screen sharing, but only Timbuktu supports color screens. The programs also
provide software to operate a file server remotely. Timbuktu has file
transfer speeds 30 to 50 percent faster than Carbon Copy/Mac, but the
latter program offers the capability for host users to disable file
transfer to and from the System Folder, as well as transferring compressed
files. Timbuktu offers more features and better performance, the price
differential makes Carbon Copy/Mac an attractive choice. Includes two
screen displays. (djd)
   Descriptors: Networks; Remote Computing; Software Review
   Identifiers: Carbon Copy/Mac; Timbuktu; Microcom; Farallon Computing

 26/5/12   (Item 3 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00172712   88PN07-107
   PC remote- control programs **are suitable solution for some**
   Schuster, Jonathan
   PC Week Connectivity , July 11, 1988 , v5 n28 pC/22-C/31, 4 Pages
   ISSN: 0740-1604
   Languages: English
   Document Type: Buyer and Vendor Guide
   Geographic Location: United States
   Article discusses PC remote control as a method of providing LAN access
to a remote work station. Under this concept, the remote station does not
act as a node in the LAN, but rather takes control of a **workstation** in

the **LAN** and uses it for LAN access. Only screen information and keystrokes are transmitted over the relatively slow telephone lines. Includes a buyer's guide to LAN remote access products and a directory of manufacturers. (djd)

Descriptors: Local Area Networks; Feature Article; Vendor Guide; Directories

?

Set	Items	Description
S1	105551	(REMOTE? OR DISTANCE OR DISTANT? OR TELE)(3N)(EXECUT? OR C-ONTROL? OR RUN? ? OR RUNNING OR ACTUAT? OR ACTIVAT? OR OPERAT? OR SHUTDOWN? OR SHUT????()DOWN OR CLOSE? OR CLOSING OR UPDAT-???) OR TELECONTROL?
S2	5883023	PROGRAM? ? OR PROGRAMME OR PROGRAMMES OR APPLICATION? OR S-OFTWARE OR INSTRUCTION?
S3	4514435	COMPUTER? OR CPU OR CPUS OR CLIENT? OR TERMINAL? OR WORKST-ATION? OR WORK()STATION? OR DESKTOP? OR DESK()TOP? ?
S4	4878930	ONLINE OR ON()LINE OR INTERNET? OR INTRANET? OR EXTRANET? - OR NETWORK? OR WEB OR LAN OR LANS OR WAN OR WANS OR WAIS
S5	883	S1(3N)S2(S)S3(3N)S4
S6	91159	(REMOTE?)(3W)(EXECUT? OR MANAGE OR MANAGING OR MANAGEMENT - OR CONTROL? OR RUN? ? OR RUNNING OR ACTUAT? OR ACTIVAT? OR OP-ERAT? OR UPDAT???) OR TELECONTROL?
S7	786	S6(3N)S2(S)S3(3N)S4
S8	82828	(REMOTE?)(3W)(EXECUT? OR MANAGE OR MANAGING OR MANAGEMENT - OR CONTROL? OR RUN? ? OR ACTUAT? OR ACTIVAT? OR UPDAT???)
S9	740	S8(3N)S2(S)S3(3N)S4
S10	574	S9 NOT PY=1999:2001
S11	331	S10 NOT PY=1996:1998
S12	295	RD (unique items)
S13	373707	(COMPUTER? OR CPU OR CPUS OR TERMINAL? OR WORKSTATION? OR WORK()STATION?)(3N)S4
S14	424	S8(3N)S2(S)S13
S15	356	S14 NOT PY=1999:2001
S16	258	S15 NOT PY=1996:1998
S17	236	RD (unique items)
S18	236	Sort S17/ALL/PD,A

18/3,K/1   (Item 1 from file: 160)

00741026
Digital Equipment has developed new software that will extend the number of
operating systems on its PDP-11 computers, which support the Phase III
network software for Decnet, the company's distributed processing
architecture.
Data Channels   March 8, 1982   p. 41

     ... data when a line in the network goes down; multipoint
communications, which lets up to 16 tributary stations share a line to a
control station; **network** command **terminals** , which allow interactive
communication with **remote** systems; and network **management software** ,
which allows control centers to be established at any node for managing
network traffic. The 3 operating systems for which interfaces to Decnet
have just...

18/3,K/2   (Item 2 from file: 275)

01142628   SUPPLIER NUMBER: 00618113
Local Network Supports HP 3000 Computers.
Data Communications, v14, n3, p338
March, 1985
DOCUMENT TYPE: product announcement   ISSN: 0363-6399   LANGUAGE:
  ENGLISH   RECORD TYPE: ABSTRACT

ABSTRACT: Hewlett-Packard has announced a local area network to support
its HP 3000 family of **computers** . The **LAN** 3000 Link conforms to the
Institute of Electrical and Electronic Engineers (IEEE) 802.3 standard.
Using Carrier Sense Multiple Access with Collision Detection (CSMA-CD...

...conforms to the Open Systems Interconnection (OSI) model. The new
software provides support for data base access, file transfer, virtual
terminals, peripheral access, program-to-**program** communication, and
remote -process **management** . The LAN-3000 Link is priced at $5,000.

18/3,K/3   (Item 3 from file: 275)

01154220   SUPPLIER NUMBER: 00638606   (USE FORMAT 7 OR 9 FOR FULL TEXT)
RS-232C LANs: A Basic Bargain.
Derfler, F.J.Jr.
PC Magazine, v4, n17, p189-191
Aug. 20, 1985
DOCUMENT TYPE: evaluaton   ISSN: 0888-8507   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4009   LINE COUNT: 00301

...   simultaneous file access, but it does allow file and peripheral
sharing among computers for less than $100 per network station.
     The EasyLAN programs give each **networked computer** the ability to
execute several special DOS commands on any machine it is connected to by
RS-232C cable. The RS-232C connection can be...

...on the host, copy files between drives on the host and remote, and print
a file on the host's printer. However, you can't **remotely run programs**
or access files.
     Because EasyLAN keeps things simple, network stations don't seem to
lose much speed doing their regular processing jobs unless a remote

...ABSTRACT: number of companies have developed software packages that
provide personal computer users with remote access to local area networks,
extending the reach of the personal **computers** to local area **networks** or
other personal **computers** to which the user has access. Novell Inc. and
3Com Corp. now offer versions of their LAN software accommodating remote
users, and companies such as...

...developer go into the field, and an expected future application is use
of the programs to expand networks to personnel on the road. CAPTION:
Typical **applications** of **remote -control   software** .

     Teradyne's Automated **Remote   Control   software** is designed to solve
the problems of operating remote test systems. The package permits an
engineer to set up, monitor, and trouble-shoot A300-Series...

... automatic test equipment networking system. The software's virtual
terminal capability enables any A300-Series system on the Teranet network
to be accessed from any **terminal** on the **network** , and it lets engineers
be in 2 places at once. Owners of the A300-Series testers can use the ARC
software to increase the productivity...

     ...configuration of the Pipenet is an IBM Personal Computer AT with 640
Kbytes of RAM, plus at least 20 Mbytes of hard disc storage. The **software**
 for **remote** operators **runs** on IBM PCs and compatibles with at least 384
Kbytes of random access memory and a Hayes Microcomputer
Products-compatible modem. Pipenet can also be used to link remote **LANs**
 and individual **workstations** .

... protocols in one integrated package. Designed for IBM PCs and
compatibles, the new product includes all of the capabilities of Meridian's
current Carbon Copy **program** . Upgrades include additional **remote -
control** features, the ability to emulate a full complement of **terminals**
for access to **on** -line databases, compatibility with Crosstalk script
files and support of X-modem and Kermit protocols for file-transfer tasks.
...

18/3,K/8   (Item 8 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01211841   SUPPLIER NUMBER: 04812903   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Presenting a few items from a LAN manager's wish list. (connectivity
 section)**
Jones, Delbert
PC Week, v4, n19, pC33(1)
May 12, 1987
ISSN: 0740-1604   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1844   LINE COUNT: 00145

...   access LAN resources at night and on weekends. The remote sales
person wants to have full access to the office LAN from a customer site.
     Remote   control   programs already exist that allow a remote user
to take over a PC workstation from a remote location. These programs make
1,200-baud communications with a LAN feasible, since only the keyboard and
screen information are transmitted over the telephone line while the
program actually runs on the host **computer** at the **LAN** .
     However, this technique requires dedicating a network PC to handle
incoming calls. A better solution would be an inexpensive coprocessor card
that combines processor, memory...

18/3,K/9   (Item 9 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
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01730324
Microsoft, 3Com Agree to Co-Develop OS/2 LAN
Electronic News   July 6, 1987   p. 19
ISSN: 0013-4937

     ... to distribute the LAN Manager to value-added resellers. The LAN
Manager will give the OS/2 the capability to distribute processing tasks
among different **workstations** and servers. The **LAN** Manager will also
support built-in error logging, network statistics, **remote   program
 execution** , server-to-station problem notification, and security
monitoring. The LAN Manager will be able to exchange data with several LANs
including 3Com's 3+, Token...

18/3,K/10   (Item 10 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01203680   SUPPLIER NUMBER: 06097368
**A resource sharing system for personal computers in a LAN: concepts,
 design, and experience. (local area network) (technical)**
Summers, Rita C.
IEEE Transactions on Software Engineering, v13, n8, p895(10)
Aug, 1987
DOCUMENT TYPE: technical   ISSN: 0098-5589   LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

ABSTRACT: The RM system supports the use of distributed services by
personal **computers** in a **LAN** . Using a service-request model, LAN users
can offer and use services which are either user-written or off-the-shelf

.applications. RM supports concurrent activities for users, and provides
program interfaces for the development of distributed **applications** .
Remote   execution is also supported within the service-request framework.
Existing software products can be used as services. An overview of RM
concepts, design, and implementation is...

   18/3,K/11   (Item 11 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01203293   SUPPLIER NUMBER: 06016758
**PC networking heats up. (3Com and Microsoft form local area network
 development agreement)**
Millikin, Michael D.
Patricia Seybold's Office Computing Report, v10, n8, p14(2)
Aug, 1987
ISSN: 1057-8889   LANGUAGE: ENGLISH   RECORD TYPE: ABSTRACT

...ABSTRACT: software based on the LAN Manager to value-added dealers. The
objective of the OS-2-LAN Manager is to establish a standard for
microcomputer **networking** consistent with **computer** industry movement
toward standards. LAN Manager offers: extension of interprocess
communications across the network; support of DOS 3.x and OS-2
workstations; improved security and administration; **remote   program
execution** ; remote device sharing; access to 16Mbyte memory and open
architecture for customization.

   18/3,K/12   (Item 12 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2001 ProQuest Info&Learning. All rts. reserv.

00374782 87-33616
Epson Computer Network Maintains Golf Scores, Stats, Data at PGA Meets
Forbes, Mark
Computer Technology Review v7n10 PP: 4, 8 Aug 1987
ISSN: 0278-9647 JRNL CODE: CTN

ABSTRACT: Epson   America   Inc.,   the   "Official   Computer   of   the   PGA"
(Professional   Golf   Association),   has   developed   a   **computerized**
 scorekeeping **network** that includes up to 21 Equity 3 personal computers
located   around   the   golf   course.   The   network   provides   up-to-the-minute
scores from each hole...

... software   package.   The   present   system   on   tour   with the PGA uses a
twisted-pair   network   with   cables   laid   parallel   to   those   used   for
television.   Each **remote** terminal **runs** the whole **software** package, so
network   transactions   simply   send   raw   data   in   a broadcast mode to the
 terminals . Hayes modems handle **network** transmission.

   18/3,K/13   (Item 13 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)   .
(c) 2001 ProQuest Info&Learning. All rts. reserv.

00370254 87-29088
Net Management in a DEC World (Part 2)
Latriano, Michael
Network World v4n31 PP: 11-12 Aug 3, 1987
ISSN: 0887-7661 JRNL CODE: NWW

...ABSTRACT: umbrella   product   to   integrate   its   various   products, DEC
supports   a   series   of   net   management   products.   These   include: 1. VAX
Ethernim,   which   is an Ethernet maintenance **program** , 2. **Remote** Bridge
 Management   Software ,   for   use   with   LAN Bridge 100, 3. LAN Traffic
Monitor, which captures information on traffic from a bridged **network** , 4.
 Terminal   Server   Manager,   which   manages   terminal servers and associated

devices, and 5. PBX/Facilities Management System and Cable/Facilities
Management System, which address voice network management...

 18/3,K/14   (Item 14 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01213166   SUPPLIER NUMBER: 05166613   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Cost and users' needs determine method used to link remote LANs.
 (connectivity section) (column)
Jones, Del
PC Week, v4, n36, pC41(1)
Sept 8, 1987
DOCUMENT TYPE: column   ISSN: 0740-1604   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 933   LINE COUNT: 00077

...   line. Since the remote computer is doing the processing, large
programs and databases can be used without having massive data transmitted
through the telephone line.
     Remote -control   programs are the premium form of remote LAN
access. As the operator is actually running a program on the remote
computer, the sessions can be very long. If long distance is involved, the
telephone costs can accumulate rapidly. At 1,200 bps, remote   control
programs are tedious. Slow response times exasperate the users and
stimulate transition to high-speed modems of at least 2,400 bps. Still
higher baud rates aee required to achieve the same feel as a local
workstation .
     Electronic-mail LAN programs with remote options, such as cc:Mail
and Network Courier, maximize the benefits of a single communications line
and workstation. Both messages and files...

 18/3,K/15   (Item 15 from file: 275)
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01211179   SUPPLIER NUMBER: 06050840   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Remote-control programs fit the bill for out-of-office management. (Section
2: Connectivity) (column)
Jones, Del
PC Week, v4, n43, pC37(1)
Oct 27, 1987
DOCUMENT TYPE: column   ISSN: 0740-1604   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 944   LINE COUNT: 00077

...   managers perform after-hours LAN-management functions remotely from
their homes. Dealers specializing in LAN sales have begun to insist that
all customers acquire a remote -control   program in order to simplify
the dealer's support tasks. As a result, remote -control   software is
becoming a mainstream product like word processing, database management and
spreadsheeting in the LAN market.
     When a computer product or genre of product becomes popular,
unforeseen new uses for it seem to evolve. In this case, remote -control
 software is actually beginning to spawn a new profession: contracted
remote LAN management. LAN dealers and consultants are finding a new source
of revenue by taking...

 18/3,K/16   (Item 16 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01213071   SUPPLIER NUMBER: 06204449   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Microsoft touts functionality, speed of OS-2 LAN Manager. (Section 2:
 Connectivity)

...   modem pools without the need for additional asynchronous server
software, as was the case with MS-Net or NetWare.
      OS/2 LAN Manager can also **remotely   run   programs** at the server.
Indeed, almost all server operations can be accomplished from any
workstation on the **network** .
      A new NET ADMIN command lets network administrators run any OS/2
program from a remote workstation. This feature makes server administration
easier, according to...

 18/3,K/17   (Item 17 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01214114   SUPPLIER NUMBER: 06264674
**VSAT technology for today and for the future - part 5: planning and
 implementing the network. (very small aperture terminal)**
Jones, Lawrence
Communications News, v25, n2, p44(4)
Feb, 1988
ISSN: 0010-3632   LANGUAGE: ENGLISH   RECORD TYPE: ABSTRACT

ABSTRACT: The key to success in implementing any VSAT (very small aperture
 terminal) **network** is planning. Important considerations in planning the
network include: source selection; **applications** ; hub and **remote** site
installation; network **management** staff; approvals from building owners;
coordination among key players and logistics. A VSAT network acquisition is
a major commitment, and requires careful attention to these...

 18/3,K/18   (Item 18 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
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01912302
LYON LAMB DELIVERS VASYSTEMS-1-2-3
News Release   February 8, 1988   p. 1

      ...interfacing computer graphics workstations with standard NTSC video.
VASystems are completely wired and tested in a standard 19" rack, ready for
simple connection to the **computer** graphics **workstation** or **network** .
All VASystems come with the Lyon Lamb ENC-VI encoder/sync generator for
converting RGB to composite or component video, and the MINIVAS animation
controller...

... Internal Frame Code) and/or SMPTE time code. The unique design of Lyon
Lamb's VASystems-1-2-3 combines fully- tested hardware and comprehensive
 software for **remote** operation completely **controlled** from the graphics
workstation. VASystem-1 VASystem-1 provides the capability of recording
RS-170A video on a frame-by-frame basis to a videotape...

 18/3,K/19   (Item 19 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01238595   SUPPLIER NUMBER: 06211638   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Event gives opportunity for NFS supporters to connect. (Sun Microsystems's
 Connectathon for its Network File System protocols) (The Practical
 Networker) (Connectivity Section) (column)**
Strom, David
PC Week, v5, n6, pC8(1)

...ABSTRACT: s Network File System (NSF) protocols test their ability to
connect using NSF. The protocols specify several different
network-application services, including file record locking, **remote
software   execution** , and other utilities to maintain mixed-vendor
networks. Among the companies taking part in the event were
Hewlett-Packard, DEC, Data General, Harris, AT and...

...but PCs and PC-compatibles were a part of the demonstrations. New to the
event in this its third year was the ability to boot **workstations**
remotely from the **network** using Diskless NSF, which can boot from servers
of different architectures and operating systems. The Connectathon also
provides developers with a chance to get together...

 18/3,K/20   (Item 20 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01239569   SUPPLIER NUMBER: 06239808   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**LAN Software. (MicroNet Inc.) (Connectivity Section) (Newswire) (product
announcement)**
PC Week, v5, n7, pC7(1)
Feb 16, 1988

TEXT:
     ...and input to the same screen of an application to jointly create a
document. The $139.99 package also gives LAN managers the ability to
remotely maintain and **update   software** on **LAN   workstations** ,
according to company officials. LANShare requires less than 12K bytes of
RAM, and runs on both the server and the workstations of any
NetBIOS-compatible...

 18/3,K/21   (Item 21 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01242494   SUPPLIER NUMBER: 06306550   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Bridge vendors building more versatile market. (network bridges - includes
related article on the confusion in LAN terms)**
Thurber, Kenneth J.
PC Week, v5, n12, pC-30(3)
March 22, 1988

...   users are not even aware that data packets being sent are traveling
across ILAN nodes to different parts of the corporate network.
     ILAN also contains **remote -management   software** to monitor and
control each ILAN node, regardless of its location, using a
central-management **terminal** . This enables a **network** manager to monitor
the performance of each node, gather traffic statistics and send control
commands.
     In a typical corporate application, several buildings are located on
...

 18/3,K/22   (Item 22 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01242776   SUPPLIER NUMBER: 06617341   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Alcatel doubles 3270-like line. (Alcatel Information Systems) (product
 announcement)**
Electronic News, v34, n1703, p22(1)
April 25, 1988
DOCUMENT TYPE: product announcement   ISSN: 0013-4937   LANGUAGE:
   ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 628   LINE COUNT: 00048

...   a $5,150 32-session gateway and a $2,395 eight-session gateway.
Each consists of a remote communications card, for installation in a PC
LAN workstation , which emulates an IBM 3274 **remote** **controller** . The
configuration allows **software** emulation of IBM 3278 79 terminals for
access to host applications.

 18/3,K/23   (Item 23 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01264124   SUPPLIER NUMBER: 07312334
**Solbourne sells Sun compatibility; new competitor workstations use Sun's
 Sparc processor. (Solbourne Computer Inc.'s Series4) (product
 announcement)**
Palmer, Scott D.
Federal Computer Week, v3, n3, p29(2)
Jan 16, 1989
DOCUMENT TYPE: product announcement   ISSN: 0893-052X   LANGUAGE:
   ENGLISH   RECORD TYPE: ABSTRACT

...ABSTRACT: use Sun's version of UNIX, SunOS, as well as SunView, NeWS
and NeWS-X11 for windowing, and Sun's Network File System and Open **Network
 Computer** systems for **networking** and **remote** **program** **execution** .
The Series4 uses Phoenix Technology's 'software coprocessor' for emulating
Intel-based microcomputers and running MSDOS applications. The Series4-600
models are intended as workstations...

 18/3,K/24   (Item 24 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01286773   SUPPLIER NUMBER: 07074568   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Sun NFS garners broad support: protocols will reach from PC to mainframe
 platforms. (Sun Microsystems Inc.'s Network File System 3.0)
 (Connectivity) (product announcement)**
Scott, Karyl
PC Week, v6, n7, pC1(2)
Feb 20, 1989
DOCUMENT TYPE: product announcement   ISSN: 0740-1604   LANGUAGE:
   ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 633   LINE COUNT: 00051

...ABSTRACT: in 1984 and support transparent access to remote file systems
on a network, providing a variety of communications applications such as
file and record locking, **remote** **software** **execution** and other
utilities supporting mixed-vendor networking. The number of companies that
support NFS is increasing. Novell, Control Data Corp and Convergent
Technologies Inc are...

...others, such as IBM, are extending their support. The result will be
that NFS will run on multivendor platforms ranging from PCs and PC-based
networks to mainframe **computers** .

 18/3,K/25   (Item 25 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01290449   SUPPLIER NUMBER: 07126808   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Long distance calls. (Remote control communications software) (Connect)
  (column)**
Manning, Ric
PC-Computing, v2, n4, p205(2)
April, 1989
DOCUMENT TYPE: column   ISSN: 0899-1847   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1369   LINE COUNT: 00104

ABSTRACT: **Remote   control** communications **software** allow users to
access local area **networks** from any **computer** through a modem. Remote
programs allow authorized users to execute programs and transfer files from
one computer to another. The programs also allow messages to...

 18/3,K/26   (Item 26 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

02347013
Microcom - Software
S1 SEC Registration   June 5, 1989   p. N/A

    The Company's software products, which were acquired in calendar 1988,
consist of the Carbon Copy family of **remote   control** communications
 software   products and the Relay family of PC to PC and PC to IBM
mainframe communications software. The Company currently markets Carbon
Copy Plus, a **remote   control   software** package enabling an IBM or
compatible PC user to access, observe and control the operation of another
PC from a remote site over the public dial telephone network. Management
believes that Carbon Copy Plus is one of the industry's best selling
 remote   control   software packages. The Relay communications software
provides PC to PC and PC to IBM mainframe file transfer and terminal
emulation capability. The Relay Gold product operates on any IBM or IBM
compatible PC. Relay Gold allows a PC user with a modem to access remote
databases and **computer   networks** over the public dial telephone network.
The Company's Relay/VM, Relay/TSO and Relay/3270 software products run on
IBM and compatible mainframes and...

 18/3,K/27   (Item 27 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01296832   SUPPLIER NUMBER: 07322286   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Software extends Unix distributed computing. (Research Triangle Institute's
 Freedomnet) (product announcement)**
Grossman, Evan O.
PC Week, v6, n22, p35(2)
June 5, 1989
DOCUMENT TYPE: product announcement   ISSN: 0740-1604   LANGUAGE:
   ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 524   LINE COUNT: 00043

...   ix, Pyramid OSx and other versions of Berkeley 4.3 and AT&T System
V Unix.
     ''The major advantage we see is the ability to **remotely   execute** a
 program ,'' said Bill Schnardthorst, a mechanization manager for
Southwestern Bell Telephone Co., based in St. Louis, which has been using
Freedomnet to link two Pyramid Technology Corp. superminicomputers to a Sun
Microsystems Inc. server and **workstation   network** . ''We can take a
program written for the Sun and let users on the Pyramid run that software
using the Sun processor.''
     Southwestern Bell officials...

18/3,K/28   (Item 28 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

02224676
Communications
Nation's Business   July, 1989   p. 34
ISSN: 0028-047X

   A number of **remote -control   programs** can help businessmen away
from the office to access files in the office. Businessmen at home or out
of town on business have sometimes regretted leaving certain files at the
office. **Remote -control   programs** , however, permit reaching programs as
well as data in an office stand-alone or **networked   computer** . The
program is in the terminal's memory when the businessman logs out of his
network. The businessman who is out of the office can...

18/3,K/29   (Item 29 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01300131   SUPPLIER NUMBER: 07344250   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Connectivity clinic.
Derfler, Frank J. Jr.
PC Magazine, v8, n13, p385(3)
July, 1989
ISSN: 0888-8507   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 1671   LINE COUNT: 00126

...   these features bring with them a great deal of overhead--such as
heavily formatted low-level information--that must be transmitted across
the channel.
      A **remote -control   program** such as Carbon Copy, Remote.sup.2., or
PC Anywhere ties up a **CPU** at the **LAN** location but only screen changes
and keystrokes are passed over the communications link.
      I suggest you look into using a device like a J&L...

18/3,K/30   (Item 30 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext

00652035   CMP ACCESSION NUMBER: CRN19890911S4004
NEW PRODUCTS (NETWORKSTECHNOLOGIES)
COMPUTER RESELLER NEWS, 1989, n 332, 60
PUBLICATION DATE: 890911
JOURNAL CODE: CRN   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: NET
WORD COUNT: 1023

...   the program for $395. It will also introduce LANSelect, a pop-up
utility that allows well-behaved applications to run from within an
already running **application** , and LANSite, a **remote   control**   utility
that allows a workstation on a Novell Inc. LAN to take full control of
another **workstation** on the **LAN** . For more information, call (212)
431-8484.
      EMERALD COMPUTERS INC.Portland, Ore.-based Emerald Computers, booth
No. 2266, will be showing its recently introduced 80286...

18/3,K/31   (Item 31 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01309239   SUPPLIER NUMBER: 07701852   (USE FORMAT 7 OR 9 FOR FULL TEXT)

·New software extends the reach of LANs: remote-access programs bring
  network power to stand-alone PCs. (buyers guide)
Bermar, Amy
PC Week, v6, n38, p101(1)
Sept 25, 1989
DOCUMENT TYPE: buyers guide   ISSN: 0740-1604   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1051   LINE COUNT: 00081

...ABSTRACT: area network (LAN) gateways and to give traveling computer
users access to their base computers. Remote-access packages combine the
technology of dial-up communications **software** with the **remote -control**
of a LAN. The packages provide peer-to-peer communication by giving users
access to several common modems. Network managers can use the packages to
maintain several **LANs** from one **workstation** in the office or at home.
Such a set-up can provide security and save on costs.

  18/3,K/32   (Item 32 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01310899   SUPPLIER NUMBER: 07713822   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The LAN's helping hand. (Software Review) (overview of 7 local-area network
  remote-control programs) (evaluation)
Derfler, Frank J. Jr.; Watson, Pamela
PC Magazine, v8, n18, p229(18)
Oct 31, 1989
DOCUMENT TYPE: evaluation   ISSN: 0888-8507   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2005   LINE COUNT: 00157

ABSTRACT: Seven **software** packages for **remote**   **control** on local area
networks (LANs) are reviewed: Norton-Lambert Corp's Close-Up/LAN 2.0;
D-Link Systems Inc's D-Link Screen Monitor...

...s NETremote Plus 3.0; and Crosstalk Communications' R2LAN. All the
products link the keyboards and screens of a 'master' microcomputer to
those of other **computers** across a **network** . Some also offer both 'one to
many' and 'many to one' connections; The Network Eye and Close-Up/LAN are
the most flexible. Close-Up...

  18/3,K/33   (Item 33 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
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02338098
DEC's enterprise network architecture to hit the streets
Computerworld   November 13, 1989   p. 7
ISSN: 0010-4841

     ...the next 2 yrs, according to sources. The key components that DEC is
expected to introduce in the week of 11/13/89 are a **workstation** that
allows different **network** management systems to be displayed on different
windows on the screen; offerings that will link this EMA workstation to
such existing DEC network management products as Ethernim, **Remote** Bridge
 Management   **Software** and Remote System Manager; and products that link
EMA to the network management systems offered by the 7 original EMA
supporters. The 7 original EMA...

  18/3,K/34   (Item 34 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2001 IDG Communications. All rts. reserv.

 002176
 DEC's enterprise network architecture to hit the streets

. Byline: Elisabeth Horwitt, CW Staff
  Journal: Computerworld   Page Number: 7
  Publication Date: November 13, 1989
  Word Count: 615   Line Count: 44

Text:
... workstation that is said to allow the user to call up various network
management systems in different windows on the screen.
     Links to the EMA **workstation** for existing DEC **network** management
offerings such as Ethernim, Remote System Manager and **Remote** Bridge
Management Software .
     Formal introductions, including availability dates, of links between
EMA and the network management systems of some of the seven original EMA
supporters. For example, T1...

 18/3,K/35   **(Item 35 from file: 160)**
DIALOG(R)File 160:Gale Group PROMT(R)

02352351
DEC takes wraps off first EMA wares, adds backers
Network World   November 20, 1989   p. 2,60

     ...Management Station and the DECmcc Enterprise Management Station. The
Site Management Station will run the Network Management Control Center
(NMCC)/VAX Ethernet Integrity Monitor, the **LAN** Traffic Monitor, the
 Terminal Server Manager and **Remote** Bridge **Management Software** . The
Enterprise Management Station will run these as well as the NMCC/DECnet
Monitor. Digital also announced that the DECmcc Director, which controls
data flow...

 18/3,K/36   **(Item 36 from file: 275)**
DIALOG(R)File 275:Gale Group Computer DB(TM)

01314343   SUPPLIER NUMBER: 07925308   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**DEC enhances its Computer-Integrated Telephony offering, adds support for
 Mitel SX2000. (product announcement)**
Computergram International, n1315, CGI11290002
Nov 29, 1989
DOCUMENT TYPE: product announcement   ISSN: 0268-716X   LANGUAGE:
   ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 585   LINE COUNT: 00049

...   Management Station for "enterprise-wide" networks enable
integration of network management products under DECWindows, and
consolidate new versions of existing DEC network management products –
namely **LAN** Traffic Monitor, **Terminal** Server Manager, **Remote** Bridge
Management Software and NMCC/VAX ETHERnim. Using DECWindows, these tools
provide four windows into the network's performance on a single screen. And
DEC has added six...

 18/3,K/37   **(Item 37 from file: 275)**
DIALOG(R)File 275:Gale Group Computer DB(TM)

01345808   SUPPLIER NUMBER: 08039404   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Current systems get mixed reviews from network managers. (user
 survey)(includes related articles on standards, vendor offerings, Simple
 Network Management Protocol)**
Powell, Dave
Networking Management, v8, n1, p60(5)
Jan, 1990
ISSN: 1052-049X   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2954   LINE COUNT: 00233

...   products that we have, or do anything better than what we have
today. But it eventually will."
        He points out that Digital's recently announced **network
workstation** (the DECmcc Management Station) does consolidate Digital's
LAN Traffic Monitor, **Terminal** Server Manager, ETHERnim Ethernet manager,
and **Remote** Bridge **Management**   **Software** , and presents their results
through windows on a single screen. "The concept's correct, but not
everybody has T1s to all of their node sites...

 18/3,K/38   (Item 38 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01350261   SUPPLIER NUMBER: 08167986   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Future of 4GLs lies in CASE integration. (fourth-generation languages
 integrated with computer-aided software engineering tools)**
Weitz, Lori
Software Magazine, v10, n2, p33(8)
Feb, 1990
ISSN: 0897-8085   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3656   LINE COUNT: 00306

 ...   PC/Focus and the mainframe utilizing Logical Unit 2 (LU 2) and LU
6.2 for network communications.
        Future phases will include products that support **remote**   execution
of centrally stored **application** procedures by client applications,
according to an Information Builders spokesperson. Future products will
also allow an application to execute in multi-vendor **networks** of
dissimilar processors.
        Computer Associates has announced CA-ACE (Application Construction
Environment), which combines two complementary technologies: the
cooperative procesing facilities of CA-ADS and CA-ADS/PC, and...

 18/3,K/39   (Item 39 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01335385   SUPPLIER NUMBER: 08181810
**Remote control for LAN users: Norton-Lambert's Close-Up/LAN offers
 administration and support capabilities. (Software Review) (local area
 network) (evaluation)**
Olympia, PL; Cea, Kathy
LAN Times, v7, n2, p142(3)
Feb, 1990
DOCUMENT TYPE: evaluation   ISSN: 1040-5917   LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

ABSTRACT: Norton-Lambert (Santa Barbara, CA) offers a flexible local area
network (LAN) **remote   control   software** package, Close-Up/LAN 2.0, that
enables a user on one DOS-based workstation to observe and control
activities on other **workstations** linked by a **LAN** running Novell
Sequenced Packet Exchange/Internetwork Packet Exchange or NetBIOS.
Close-Up/LAN consists of a terminate-and-stay-resident (TSR) host program
on workstations...

 18/3,K/40   (Item 40 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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01104836   Supplier Number: 41239332
**SoftKlone introduces TAKEOVER (TM), a PC remote control software product
 that inte-grates state-of-the-art remote control and general
 communications features in**
News Release, p1

.March 26, 1990
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
SoftKlone, the publisher of the MIRROR III (TM) PC communica- tions
software package, announced today that it has released TAKEOVER, its new PC
remote   control   software product. TAKEOVER's Dialing Directory
interface features pull-down menus with keyboard or mouse control for a
friendly, easy-to-use environment. Whether users want...

...features, TAKEOVER includes all the fea-tures of SoftKlone's
award-winning MIRROR III (TM) PC communications software, making it ideal
for accessing mini/mainframe **computers** , **on -line** information services,
electronic mail systems and bulletin boards. TAKEOVER also includes PRISM
(TM), a powerful communications pro-gramming language, that provides users
with a level...

...session automation before un- seen in a remote control package. For
example, a simple script can selectively update all out-of-date files on a
remote Host PC or **run** a remote **application** unattended.
...

  18/3,K/41   (Item 41 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2001 The Gale Group. All rts. reserv.

01390584   SUPPLIER NUMBER: 08274916   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Building workgroup solutions: zero-slot LANs. (Software Review) (overview
 of five evaluations of serial and parallel connectivity
 software)(includes related article on Editor's Choices) (evaluation)**
Maxwell, Kimberly; McGovern, Patricia A.
PC Magazine, v9, n8, p187(13)
April 24, 1990
DOCUMENT TYPE: evaluation   ISSN: 0888-8507   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3083   LINE COUNT: 00233

...   On the other hand, the ability to respond to Netbios calls from
application programs is worth having. This feature lets you use SNA
gateways, LAN **remote -control   software** (see "The LAN's Helping Hand,"
PC Magazine, October 31, 1989), certain e-mail packages, and asynchronous
communications servers over your zero-slot network. The...

...often you can use a zero-slot LAN to add a station to a larger network
quickly and cheaply by linking it to an existing **workstation** on the
larger **LAN** over a low-cost serial or parallel link.
     PRINTER SHARING AND E-MAIL
     If today's zero-slot LANs don't shine performancewise, they hold...

  18/3,K/42   (Item 42 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2001 The Gale Group. All rts. reserv.

01366279   SUPPLIER NUMBER: 08711456   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Shiva Corp. (Software Review) (one of three evaluations of remote access
 software packages in 'Tools give Mac users remote access') (evaluation)**
Gunnerson, Gary; Curry, Jennifer
PC Week, v7, n31, p74(1)
August 6, 1990
DOCUMENT TYPE: evaluation   ISSN: 0740-1604   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1079   LINE COUNT: 00083

...ABSTRACT: chief drawback is that the Telebridge provides only network
connection, leaving the user with the necessity of purchasing networking

. software for file transfer functions or **remote -control   software** to
control a Macintosh **computer** on another **network** . While users praised
the system's user interface, they also said that it was rather difficult to
keep the system up and running.

18/3,K/43   (Item 43 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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01294306   Supplier Number: 41513706
XcelleNet To Deliver Suite Of LAN-Like WAN Software
PC Week, p1
August 27, 1990
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Tabloid; General Trade

ABSTRACT:
...the company says. The company released its WAN Management software in
1989. The new software family, intended to offer LAN-like applications to
wide-area **networks** of personal **computers** , will include a tool for
generating and distributing documentation, an electronic mail system,
forms-generation programs and viewing programs usable with Microsoft's SQL
Server database. Still in development are a **remote -control   program**
for accessing remote PCs, a query tool, and an upgrade to XcelleNet's
X/Shell software.   ...

18/3,K/44   (Item 44 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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01314699   Supplier Number: 41544149
HP Focuses on PC LAN Market With Slew of Ethernet Products
PC Week, p10
Sept 10, 1990
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Tabloid; General Trade

ABSTRACT:
Hewlett-Packard (Palo Alto, CA) has developed a variety of new Ethernet
products and reduced prices on existing 10BaseT adapters. The PC **LAN**
(personal **computer** local area **network**) is is becoming a new platform in
the computing industry, according to Alan Housley, product marketing mgr.
The company has developed 16-bit EtherTwist 10BaseT cards, local and
remote bridges, bridge-**management   software** and mass storage products.
The cards comply with the IEEE 10BaseT standard for running over unshielded
twisted-pair cabling. The product announcements are aimed at...

18/3,K/45   (Item 45 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

01317674   Supplier Number: 41548714   (USE FORMAT 7 FOR FULLTEXT)
RETIX LAUNCHES HIGH-SPEED RETIX 4660 ETHERNET BRIDGE
Computergram International, n1510, pN/A
Sept 13, 1990
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 223

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...bridges while preserving existing investments. By downloading new
software versions through the network from a Retix network management
station or a personal computer, administrators can **remotely   update** each
bridge's **software** . The 4660 can also isolate traffic on subnetworks. For

. example, **networks** comprising diskless **workstations** that create a high
volume of traffic when transferring data from the server can be isolated.
This division keeps the bulk of the data off the main **network** , but gives
diskless **workstation** users access to any devices on the entire network.
Other features include autolearning, transparency and special filtering.
The bridge supports plug-in, modular interfaces for...

  18/3,K/46   (Item 46 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01381696   SUPPLIER NUMBER: 09410191   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The traffic is LAN-to-LAN, the highway is SNA. (The Wide View) (column)
Kramer, Matt
PC Week, v7, n37, p62(1)
Sept 17, 1990
DOCUMENT TYPE: column   ISSN: 0740-1604   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 668   LINE COUNT: 00049

...ABSTRACT: network and the load on the both the backbone and the LAN
itself as well as by the number of concurrent applications running in the
workstation with the **WAN   software** . **Remote   management** of LANs is a
likely future application for SNA-based WAN technology.

  18/3,K/47   (Item 47 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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01336605   Supplier Number: 41577161
**NEW PC REMOTE-CONTROL RANGE IS FIRST TO SUPPORT LOCAL AREA NETWORK AND X.25
 WIDE AREA NETWORK ACCESS**
News Release, p1
Oct, 1990
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
London-based data communications specialist M-Trade is introducing the
Co/Session range, the only suite of **remote   control   applications** to
support PC-to-network and network-to-network access via ISON and X.25
circuits as well as straightforward PC-to-PC operations using...

...leaving their own workbench. The Co/Session range comprises four
packages: standard Co/Session for access to standalone PCs; Co/Session LAN
for access to **networked   workstations** ; Co/Session X.25 for remote
control over X.25 packet- switched wide area networks; and Session/XL, an
optional scripting language that lets users automate Co/Session's features
for unattended **remote   program   execution** , remote batch printing, wide
area information transfer, and so on. Co/Session packages are easy to use,
with menu-driven user interfaces and extensive, context-sensitive help
screens. They are also considerably faster than other **remote -control
programs** , with a number of facilities available to increase speed and thus
reduce on-line costs. These include very fast text screen updates and
graphics modes...

  18/3,K/48   (Item 48 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01384414   SUPPLIER NUMBER: 09601363   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**DOS under cover. (operating MS-DOS under the Unix operating system)
 (includes related article on use of the word 'window')**
Vogler, Jon
PC User, n144, p58(3)

...   for producing simple screen menus, invoked automatically when users
log in. The application package is selected and run without users ever
seeing a Unix prompt.
      Networking   workstation manufacturer Sun Microsystems developed
the brilliant NFS (Network File System), widely available on Unix systems,
that allows one machine to access files on another (via...

...data files and applications that can be accessed as if they were on the
PC's own disk. NFS Version 4.0 even allows the **remote** client to **execute**
a **program** contained on the server's file system.
      Other manufacturers have extended the functionality of this type of
product. Software is now available that'll allow...

 18/3,K/49   (Item 49 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
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01399986   Supplier Number: 41668529   (USE FORMAT 7 FOR FULLTEXT)
Network Tools To Go
CommunicationsWeek, p21
Nov 12, 1990
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 508

...   has unveiled no-fuss, no-muss pre-packaged communications and
applications.
      ExcelleNet sells products for building and managing two-way dial-up
communications between personal **computers** or local area **networks** at
remote locations. The heart of its product line is the **Remote**
Application   Management System, which also is used for software
distribution.
      Late last month, ExcelleNet added to that system a set of
icon-oriented software tools, called X...

 18/3,K/50   (Item 50 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2001 CMP Media, LLC. All rts. reserv.

00569506   CMP ACCESSION NUMBER: CWK19901112S1258
Network Tools To Go - ExcelleNet packages communications,   applications
CHRISTINE BONAFIELD
COMMUNICATIONSWEEK, 1990, n 326, 21
PUBLICATION DATE: 901112
JOURNAL CODE: CWK   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: COMPUTER NETWORKING
WORD COUNT: 500

      ExcelleNet sells products for building and managing two-way dial-up
communications between personal **computers** or local area **networks** at
remote locations. The heart of its product line is the **Remote**
Application   Management System, which also is used for software
distribution.
      Late last month, ExcelleNet added to that system a set of icon-
oriented software tools, called X...

Set	Items	Description
S1	1150	(REMOTE? OR DISTANCE OR DISTANT? OR TELE)(3N)(EXECUT? OR CONTROL? OR RUN? ? OR RUNNING OR ACTUAT? OR ACTIVAT? OR OPERAT? OR SHUTDOWN? OR SHUT????()DOWN OR CLOSE? OR CLOSING OR UPDAT-???) OR TELECONTROL?
S2	77696	PROGRAM? ? OR PROGRAMME OR PROGRAMMES OR APPLICATION? OR SOFTWARE OR INSTRUCTION?
S3	41422	COMPUTER? OR CPU OR CPUS OR CLIENT? OR TERMINAL? OR WORKSTATION? OR WORK()STATION? OR DESKTOP? OR DESK()TOP? ?
S4	55603	ONLINE OR ON()LINE OR INTERNET? OR INTRANET? OR EXTRANET? - OR NETWORK? OR WEB OR LAN OR LANS OR WAN OR WANS OR WAIS
S5	199	S1(5N)S2 AND S3(5N)S4
S6	66	S1(3N)S2(S)S3(3N)S4
S7	5	S6 NOT (PY=(1996:1998 OR 1999:2001) OR PD,RD=(19960119:19981231 OR 19990101:20011109))

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

01775673   DOCUMENT TYPE: Product

PRODUCT NAME: **ControlIT 5.0 (775673)**

Computer Associates International Inc (081957)
1 Computer Associates Plaza
Islandia, NY 11749 United States
TELEPHONE: (631) 342-5224

RECORD TYPE: Directory

CONTACT: Sales Department

Computer Associates' ControlIT 5.0 is a remote control system that lets
authorized workers control another computer from a remote location. Users
can view multiple machines, exchange files, record sessions, launch
applications, and more. The ControlIT system makes it easy for network
administrators to manage the access privileges of remote control users,
assigning rights by individual or group. They can set up security policies
and keep an audit log of all activities. Other advantages and features of
ControlIT include encryption and authentication of data, centralized
administration, on-the-fly launching of ControlIT, fast operation, session
recording, a Web browser viewer, and support for multiple monitors.
ControlIT has applications in training groups, call center quality control,
help desks, and network server administration.

DESCRIPTORS: **Remote   Control** ; LANs; Remote Network Access; **Network
    Software ; WANs ; Computer Security ; Network** Administration Tools;
    System Monitoring

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: Windows; Internet Explorer; Windows NT/2000; Netscape
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Cross Industry, Network Administrators, Remote Control,
    Training
PRICE: Available upon request

OTHER REQUIREMENTS: 16MB RAM; Win 3x+ required
REVISION DATE: 000000

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

01760722   DOCUMENT TYPE: Product

PRODUCT NAME: **Virtual Network Computing (760722)**

AT&T Laboratories (UK) (664723)
24A Trumpington St
Cambridge, CB2 1QA United Kingdom
TELEPHONE: ( ) 122-3343000

RECORD TYPE: Directory

CONTACT: Sales Department

Virtual Network Computing (VNC) is a remote desktop environment that allows
users to access their network(s) from a variety of systems. VNC's important
features include: small size (150K); platform-independence, including all
Java systems; sharable desktops; data is stored at the viewer; and freely

, distributable.

DESCRIPTORS: Remote **Network** Access; Thin **Clients /Network   Computers**
      ; **Internetworking** ; **Network Software** ; **Data Com** munications; **Remote**
      Control

HARDWARE: Thin Clients/Network Computers; IBM PC & Compatibles; Apple
      Macintosh; Java; MIPS; DEC; Sun
OPERATING SYSTEM: Java; Solaris; Windows NT/2000; Linux; OSF; Windows CE;
      Windows; MacOS
PROGRAM LANGUAGES: Java
TYPE OF PRODUCT: Mini; Micro; Workstation
POTENTIAL USERS: Cross Industry
PRICE: $0; freely distributable

DOCUMENTATION AVAILABLE: Source code; online documentation
REVISION DATE: 991103

 7/5/3   (Item 3 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01743135   · DOCUMENT TYPE: Product

PRODUCT NAME: Magic Total Service Desk   (743135)

Network Associates Inc (613304)
3965 Freedom Cir
Santa Clara, CA   95054   United States
TELEPHONE: (972) 308-9960

RECORD TYPE: Directory

CONTACT: Sales Department

Magic Total Service Desk from Network Associates is a leading help desk
solution that gives users the tools needed to solve technical problems, not
just track them. It controls network assets, events, and repairs. A
patent-pending customization technology makes TSD easy to modify as a
business changes. Its unique `problem-sensitive' tool linker allows the
correct tool to be launched to locate a technical problem. For example,
Magic Total Service Desk will automatically launch a remote control program
when a desktop must be controlled. Magic Total Service Desk is 100 percent
customizable. Users do not need to purchase extra tools to modify the
system. Magic Total Service Desk is totally browser-based.

DESCRIPTORS: Technical Support; **Network   Software** ; **LANs** ; **Computer**
      Diagnostics ; **Remote   Control** ; **Network** Administration Tools;
      Network Inventory

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: Windows; Windows NT/2000
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Mini; Micro; Workstation
POTENTIAL USERS: Cross Industry, Help Desks
PRICE: Available upon request

REVISION DATE: 991103

 7/5/4   (Item 4 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01697621   DOCUMENT TYPE: Product

PRODUCT NAME: SLnet (697621)

Seattle Lab Inc (643963)
11730 118th Ave NE #400
Kirkland, WA 98034 United States
TELEPHONE: (425) 825-7000

RECORD TYPE: Directory

CONTACT: Sales Department

SLnet from Seattle Lab lets users transform their Microsoft Windows NT
system into a true multi-user system. Terminal emulation technology is the
key to SLnet's ability to support many users at a time without increasing
system overhead. Users simply log on to the host computer and can use the
remote computer like they would if they were working directly on that
computer. Compatible with any Telnet client, SLnet was written to comply
with open Internet standards. Any wireless radio frequency device that
supports the Telnet protocol can access applications via SLnet. SLnet also
provides a high level of security. Key features include: two levels of
time-out, clean up of dropped connections, and automatic log off after a
defined period of inactivity; a free software development kit; and users
can work invisibly on the Windows NT server without bothering console
users.

DESCRIPTORS: Internet Access; **Remote** Control; **Network**   **Software** ;
    Terminal Emulators; Data Communications

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: Windows NT/2000
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Cross Industry
PRICE: $499 per server - unlimited license

DOCUMENTATION AVAILABLE: Online documentation
TRAINING AVAILABLE: Support contracts available; technical support; e-mail
    support; telephone support
OTHER REQUIREMENTS: 2MB RAM per user logon; Win NT 4.0 required
REVISION DATE: 991129

 7/5/5   (Item 1 from file: 278)
DIALOG(R)File 278:Microcomputer Software Guide
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    0020156
    0020156XX   STATUS: ACTIVE ENTRY
   TITLE: Ingres II/Net
    COMPATIBLE HARDWARE: IBM PC family and compatibles; Hewlitt-Packard
micros; Unix & unix like environments; Digital Equipment micros; Apple
Macintosh
    MICROPROCESSOR TYPE: Support agreement available
    OPERATING SYSTEM(S) REQUIRED: Solaris, SunOS, HP-UX, SVR4, AIX, DEC VAX,
Aplha/VMS, OpenVMS, Digital UNIX, SCO UNIX, Open Server, Windows 95 & NT,
DG-UX, VAX SP, SCO UNIXware, Macintosh
    PRICE INFORMATION:
    Diskette Contact publisher for price
    ANNOTATION: Allows distributed access to Ingres II databases connected
in computer networks, including different operating environments. Accesses
Ingres II information from remote computers while running Ingres II
tools/applications locally
    DESCRIPTORS: BUSINESS MANAGEMENT - MISCELLANEOUS
    DESCRIPTOR CODES: 10007155
    PUBLISHER: Computer Associates International, Incorporated; Comp Assocs
 NY   (0-918317; 0-922091; 0-922344; 0-923108; 0-926530; 0-928104)
    ADDRESS: One Computer Associates Plaza (Headquarters)
            Islandia, NY 11788-7000
    TEL.: 407-661-6985

SAN: 293-1133

ADDRESS: 909 E. Las Colinas Blvd.
          Irving, TX 75039

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IBM Technical Disclosure Bulletins

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Today's Date: 11/9/2001

DB Name	Query	Hit Count	Set Name
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TDBD	online or on adj line or internet$7 or intranet$7 or extranet$7 or lan or lans or wan or wans or wais or network$1	5562	L4
TDBD	cpu or cpus or computer$1 or pc or pcs or terminal$1 or workstation$1 or work adj station$1	16667	L3
TDBD	program$1 or programme$1 or application$1 or software or instruction$1 or command$1	26278	L2
TDBD	remote$3 adj3 (execut$7 or control$7 or manag$7 or run$1 or running or activat$7 or updat$3)	267	L1